

Version: 1

Issued by: Envirosystems Technologies

Date of Issue: August 2017

Hazard Identifiers



### SECTION 1 – IDENTIFICATION OF MATERIAL & SUPPLIER

**1.1 Product Name:** Enviro Epoxy AC Part B

Manufacturer's Product Code: N/A

1.2 Recommended Use: Part B of a two component, epoxy coating
 1.3 Company: Envirosystems Technologies Pty Ltd
 Address: 295 Princes Highway St Peters, NSW 2044.

Website: www.envirosystems.com.au

Telephone: +61 2 85958699 (business hours)

**Fax:** +61 2 85958660

**1.4** Emergency Telephone: Info Safe – 1800 638 556, Poisons Centre – 131126

**Other Information:** All information in this SDS is to the best of our knowledge at time of publication. Users of this product should fully review this SDS prior to use to ensure best safety practices. Further information and or clarification can be obtained by contacting our technical department on the above telephone number.

#### SECTION 2 - HAZARDS IDENTIFICATION

#### 2.1 Hazard Classification:

Classified as **Hazardous** according to WHS Regulations, Australian GHS criteria and a **Dangerous Goods** according to the Australian Dangerous Goods Code.

Class	Category
Flammable	3
Acute toxicity - Dermal	4
Acute toxicity - Vapors	4
Acute toxicity - Dusts and Mists	4
Skin Corrosion/Irritation	2
Serious eye damage/irritation	1
Skin Sensitization	2
Carcinogenicity	2
Specific target organ exposure - single	3
Specific target organ exposure - repeated	2
Hazardous to the aquatic environment- acute	2

#### 2.2 Label Elements



Signal word

Danger

H-code	Hazard Statements
H226	Flammable liquid and vapour



H315         Causes skin irritation           H317         May cause allergic skin reaction           H318         Causes serious eye damage           H335         May cause dawing cancer           H336         May cause drowsiness or dizziness           H373         May cause damage to organs through prolonged or repeated exposure           H401         Toxic to aquatic life           P-Code         Precautionary Statement - Prevention           Keep away from heat/sparks/open flames/hot surfaces. No smoking         No smoking           P242         Use only non-sparking tools           P243         Take precautionary measures against static discharge           P261         Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray           P264         Wash skin thoroughly after handling.           P270         Do not eat drink or smoke when using this product           P271         Use only outdoors or in a well-ventilated area.           P272         Contaminated work clothing should not be allowed out of the workplace.           P273         Avoid release to the environment           P280         Wear protective gloves / protective clothing / eye protection / face protection           P-Code         Precautionary Statement - Response           P305, P351, P363         If seposed or concerned: Get medical advice/attention				
H318         Causes serious eye damage           H351         Suspected of causing cancer           H335         May cause respiratory irritation           H336         May cause damage to organs through prolonged or repeated exposure           H401         Toxic to aquatic life           P-Code         Precautionary Statement - Prevention           Reep away from heat/sparks/open flames/hot surfaces. No smoking         No smoking           P242         Use only non-sparking tools           P243         Take precautionary measures against static discharge           P261         Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray           P264         Wash skin thoroughly after handling.           P270         Do not eat drink or smoke when using this product           P271         Use only outdoors or in a well-ventilated area.           P272         Contaminated work clothing should not be allowed out of the workplace.           P273         Avoid release to the environment           P280         Wear protective gloves / protective clothing / eye protection / face protection           P-Code         Precautionary Statement - Response           P308, P313         If exposed or concerned: Get medical advice/attention           P363         Wash contaminated clothing before reuse.           P305, P351, P351, P353         If in		<u> </u>		
H351         Suspected of causing cancer           H335         May cause respiratory irritation           H336         May cause drowsiness or dizziness           H373         May cause damage to organs through prolonged or repeated exposure           H401         Toxic to aquatic life           P-Code         Precautionary Statement - Prevention           P210         Keep away from heat/sparks/open flames/hot surfaces. No smoking           P242         Use only non-sparking tools           P243         Take precautionary measures against static discharge           P261         Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray           P262         Wash skin thoroughly after handling.           P270         Do not eat drink or smoke when using this product           P271         Use only outdoors or in a well-ventilated area.           P272         Contaminated work clothing should not be allowed out of the workplace.           P273         Avoid release to the environment           P280         Wear protective gloves / protective clothing / eye protection / face protection           P-Code         Precautionary Statement - Response           P308, P313         If exposed or concerned: Get medical advice/attention           P363         Wash contaminated clothing before reuse.           P305, P351, P361, If in eyes: Rinse cautiou				
H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H373 May cause damage to organs through prolonged or repeated exposure H401 Toxic to aquatic life P-Code Precautionary Statement - Prevention Reep away from heat/sparks/open flames/hot surfaces. No smoking P242 Use only non-sparking tools P243 Take precautionary measures against static discharge P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray P264 Wash skin thoroughly after handling. P270 Do not eat drink or smoke when using this product P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment P280 Wear protective gloves / protective clothing / eye protection / face protection P-Code Precautionary Statement - Response P308, P313 IF exposed or concerned: Get medical advice/attention P363 Wash contaminated clothing before reuse. P305, P351, If in eyes: Rinse cautiously with water for several minutes. P307, P308, P310 Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P301, P330, P378 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste				
H336 May cause drowsiness or dizziness H373 May cause damage to organs through prolonged or repeated exposure H401 Toxic to aquatic life P-Code Precautionary Statement - Prevention P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking P242 Use only non-sparking tools P243 Take precautionary measures against static discharge P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray P264 Wash skin thoroughly after handling. P270 Do not eat drink or smoke when using this product P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment P280 Wear protective gloves / protective clothing / eye protection / face protection P-Code Precautionary Statement - Response P308, P313 IF exposed or concerned: Get medical advice/attention P363 Wash contaminated clothing before reuse. Wash contaminated clothing before reuse. P338, P310 Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, IF oN SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P333, P313 If skin irritation or rash occurs: Get medical advice/ attention. P304, P340 If skin irritation or rash occurs: Get medical advice/ attention. P307, P378 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste	H351			
H373 May cause damage to organs through prolonged or repeated exposure H401 Toxic to aquatic life P-Code Precautionary Statement - Prevention  Keep away from heat/sparks/open flames/hot surfaces. No smoking P242 Use only non-sparking tools P243 Take precautionary measures against static discharge P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray P264 Wash skin thoroughly after handling. P270 Do not eat drink or smoke when using this product P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment Wear protective gloves / protective clothing / eye protection / face protection P-Code Precautionary Statement - Response P308, P313 IF exposed or concerned: Get medical advice/attention P363 Wash contaminated clothing before reuse. P338, P310 Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P333, P313 If skin irritation or rash occurs: Get medical advice/ attention. P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P301, P330, P378 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste	H335	May cause respiratory irritation		
repeated exposure  P-Code Precautionary Statement - Prevention  Reep away from heat/sparks/open flames/hot surfaces. No smoking  P242 Use only non-sparking tools  P243 Take precautionary measures against static discharge  P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray  P264 Wash skin thoroughly after handling.  P270 Do not eat drink or smoke when using this product  P271 Use only outdoors or in a well-ventilated area.  P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment  P280 Wear protective gloves / protective clothing / eye protection / face protection  P-Code Precautionary Statement - Response  P308, P313 IF exposed or concerned: Get medical advice/attention  P363 Wash contaminated clothing before reuse.  P305, P351, If in eyes: Rinse cautiously with water for several minutes.  P308, P310 Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  P333, P313 If skin irritation or rash occurs: Get medical advice/attention.  P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, P378 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405 Store locked up  P235, P403 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501 Dispose of contents/ container to an approved waste	H336	May cause drowsiness or dizziness		
H401 Toxic to aquatic life  P-Code Precautionary Statement - Prevention  Reep away from heat/sparks/open flames/hot surfaces. No smoking  P242 Use only non-sparking tools  P243 Take precautionary measures against static discharge  P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray  P264 Wash skin thoroughly after handling.  P270 Do not eat drink or smoke when using this product  P271 Use only outdoors or in a well-ventilated area.  P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment  P280 Wear protective gloves / protective clothing / eye protection / face protection  P-Code Precautionary Statement - Response  P308, P313 IF exposed or concerned: Get medical advice/attention  P363 Wash contaminated clothing before reuse.  P305, P351, If in eyes: Rinse cautiously with water for several minutes.  Remove contact lenses, if present and easy to do so.  Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  P333, P313 If skin irritation or rash occurs: Get medical advice/ attention.  P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, P378 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P305, P405 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501 Dispose of contents/ container to an approved waste	H373	May cause damage to organs through prolonged or		
P-Code Precautionary Statement - Prevention P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking P242 Use only non-sparking tools P243 Take precautionary measures against static discharge P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray P264 Wash skin thoroughly after handling. P270 Do not eat drink or smoke when using this product P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment P280 Wear protective gloves / protective clothing / eye protection / face protection P-Code Precautionary Statement - Response P308, P313 IF exposed or concerned: Get medical advice/attention P363 Wash contaminated clothing before reuse. P305, P351, If in eyes: Rinse cautiously with water for several minutes. P308, P310 Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P333, P313 If skin irritation or rash occurs: Get medical advice/ attention. P304, P340 If skin irritation or rash occurs: Get medical advice/ attention. P301, P330, P370 If swallowed: Rinse mouth. Do not induce vomiting. P331 P370, P378 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste		repeated exposure		
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking P242 Use only non-sparking tools P243 Take precautionary measures against static discharge P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray P264 Wash skin thoroughly after handling. P270 Do not eat drink or smoke when using this product P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment P280 Wear protective gloves / protective clothing / eye protection / face protection P-Code Precautionary Statement - Response P308, P313 IF exposed or concerned: Get medical advice/attention P363 Wash contaminated clothing before reuse. P305, P351, If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P333, P313 IF on SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P301, P330, P378 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste	H401	Toxic to aquatic life		
No smoking	P-Code			
No smoking	P210			
P243 Take precautionary measures against static discharge P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray P264 Wash skin thoroughly after handling. P270 Do not eat drink or smoke when using this product P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment P280 Wear protective gloves / protective clothing / eye protection / face protection P-Code Precautionary Statement - Response P308, P313 IF exposed or concerned: Get medical advice/attention P363 Wash contaminated clothing before reuse. P305, P351, P388, P310 If in eyes: Rinse cautiously with water for several minutes. P308, P311 Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P333, P313 If skin irritation or rash occurs: Get medical advice/ attention. P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P301, P330, P330, If swallowed: Rinse mouth. Do not induce vomiting. P331 If swallowed: Rinse mouth. Do not induce vomiting. P331 P370, P378 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste				
P243 Take precautionary measures against static discharge P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray P264 Wash skin thoroughly after handling. P270 Do not eat drink or smoke when using this product P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment P280 Wear protective gloves / protective clothing / eye protection / face protection P-Code Precautionary Statement - Response P308, P313 IF exposed or concerned: Get medical advice/attention P363 Wash contaminated clothing before reuse. P305, P351, P388, P310 If in eyes: Rinse cautiously with water for several minutes. P308, P311 Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P333, P313 If skin irritation or rash occurs: Get medical advice/ attention. P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P301, P330, P330, If swallowed: Rinse mouth. Do not induce vomiting. P331 If swallowed: Rinse mouth. Do not induce vomiting. P331 P370, P378 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste	P242	Use only non-sparking tools		
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray P264 Wash skin thoroughly after handling. P270 Do not eat drink or smoke when using this product P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment P280 Wear protective gloves / protective clothing / eye protection / face protection P-Code Precautionary Statement - Response P308, P313 IF exposed or concerned: Get medical advice/attention P363 Wash contaminated clothing before reuse. P305, P351, If in eyes: Rinse cautiously with water for several minutes. P308, P310 Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P333, P313 If skin irritation or rash occurs: Get medical advice/ attention. P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P301, P330, P378 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste	P243			
P264 Wash skin thoroughly after handling. P270 Do not eat drink or smoke when using this product P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment P280 Wear protective gloves / protective clothing / eye protection / face protection P-Code Precautionary Statement - Response P308, P313 IF exposed or concerned: Get medical advice/attention P363 Wash contaminated clothing before reuse. P305, P351, P338, P310 If in eyes: Rinse cautiously with water for several minutes. P303, P361, Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P333, P313 If skin irritation or rash occurs: Get medical advice/ attention. P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P301, P330, P378 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste				
P270 Do not eat drink or smoke when using this product P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment P280 Wear protective gloves / protective clothing / eye protection / face protection  P-Code Precautionary Statement - Response P308, P313 IF exposed or concerned: Get medical advice/attention P363 Wash contaminated clothing before reuse. P305, P351, If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P333, P313 If skin irritation or rash occurs: Get medical advice/ attention. P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P301, P330, P378 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste				
P271 Use only outdoors or in a well-ventilated area.  P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment  P280 Wear protective gloves / protective clothing / eye protection / face protection  P-Code Precautionary Statement - Response  P308, P313 IF exposed or concerned: Get medical advice/attention  P363 Wash contaminated clothing before reuse.  P305, P351, If in eyes: Rinse cautiously with water for several minutes.  Remove contact lenses, if present and easy to do so.  Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  P333, P313 If skin irritation or rash occurs: Get medical advice/ attention.  P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, P378 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405 Store locked up  P235, P403 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501 Dispose of contents/ container to an approved waste				
P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment  P280 Wear protective gloves / protective clothing / eye protection / face protection  P-Code Precautionary Statement - Response  P308, P313 IF exposed or concerned: Get medical advice/attention  P363 Wash contaminated clothing before reuse.  P305, P351, P338, P310 If in eyes: Rinse cautiously with water for several minutes.  Remove contact lenses, if present and easy to do so.  Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  P303, P361, P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  P333, P313 If skin irritation or rash occurs: Get medical advice/ attention.  P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON  CENTER/doctor if you feel unwell.  P301, P330, P330, If swallowed: Rinse mouth. Do not induce vomiting.  P370, P378 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405 Store locked up  P235, P403 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  Dispose of contents/ container to an approved waste				
the workplace.  P273 Avoid release to the environment  P280 Wear protective gloves / protective clothing / eye protection / face protection  P-Code Precautionary Statement - Response  P308, P313 IF exposed or concerned: Get medical advice/attention  P363 Wash contaminated clothing before reuse.  P305, P351, P338, P310 Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  P303, P361, P353 IF oN SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  P333, P313 If skin irritation or rash occurs: Get medical advice/ attention.  P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, P330, If swallowed: Rinse mouth. Do not induce vomiting.  P370, P378 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405 Store locked up  P235, P403 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501 Dispose of contents/ container to an approved waste				
P273 Avoid release to the environment P280 Wear protective gloves / protective clothing / eye protection / face protection  P-Code Precautionary Statement - Response P308, P313 IF exposed or concerned: Get medical advice/attention P363 Wash contaminated clothing before reuse. P305, P351, P338, P310 Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, P503 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P333, P313 If skin irritation or rash occurs: Get medical advice/ attention. P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P301, P330, P331 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste	F Z / Z	<u> </u>		
P-Code Precautionary Statement - Response P308, P313 IF exposed or concerned: Get medical advice/attention P363 Wash contaminated clothing before reuse. P305, P351, P338, P310 Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, P361, P378 If skin irritation or rash occurs: Get medical advice/attention. P304, P340 If skin irritation or rash occurs: Get medical advice/attention. P301, P330, P361 If swallowed: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P301, P330, P378 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste	D272	'		
P-Code Precautionary Statement - Response  P308, P313 IF exposed or concerned: Get medical advice/attention  P363 Wash contaminated clothing before reuse.  P305, P351, If in eyes: Rinse cautiously with water for several minutes.  P338, P310 Remove contact lenses, if present and easy to do so.  Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  P333, P313 If skin irritation or rash occurs: Get medical advice/ attention.  P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, If swallowed: Rinse mouth. Do not induce vomiting.  P370, P378 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405 Store locked up  P235, P403 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501 Dispose of contents/ container to an approved waste				
P-Code Precautionary Statement - Response  P308, P313 IF exposed or concerned: Get medical advice/attention  P363 Wash contaminated clothing before reuse.  P305, P351, If in eyes: Rinse cautiously with water for several minutes.  P338, P310 Remove contact lenses, if present and easy to do so.  Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  P333, P313 If skin irritation or rash occurs: Get medical advice/ attention.  P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, If swallowed: Rinse mouth. Do not induce vomiting.  P311 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405 Store locked up  P235, P403 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501 Dispose of contents/ container to an approved waste	F200			
P308, P313 IF exposed or concerned: Get medical advice/attention P363 Wash contaminated clothing before reuse. P305, P351, If in eyes: Rinse cautiously with water for several minutes. P308, P310 Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P333, P313 If skin irritation or rash occurs: Get medical advice/attention. P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P301, P330, P330, P331 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste	P. Codo			
P363 Wash contaminated clothing before reuse. P305, P351, If in eyes: Rinse cautiously with water for several minutes. P338, P310 Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P333, P313 If skin irritation or rash occurs: Get medical advice/ attention. P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P301, P330, If swallowed: Rinse mouth. Do not induce vomiting. P301, P370, P378 In case of fire: Use CO2, dry chemical, or foam for extinction P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste				
P305, P351, P338, P310  Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  P303, P361, P353  P304, P340  If skin irritation or rash occurs: Get medical advice/ attention.  P304, P340  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, P330  P331  P370, P378  In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code  Precautionary Statement - Storage  P405  Store in a cool well-ventilated area  P-Code  Precautionary Statement - Disposal  P501  Dispose of contents/ container to an approved waste	ברכנו טווכנו ו			
P338, P310  Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  P303, P361, P353  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  P333, P313  If skin irritation or rash occurs: Get medical advice/ attention.  P304, P340  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, P330, If swallowed: Rinse mouth. Do not induce vomiting.  P310, P378  In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405  Store locked up  P235, P403  Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501  Dispose of contents/ container to an approved waste				
Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  P333, P313 If skin irritation or rash occurs: Get medical advice/ attention.  P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, P330, P331 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405 Store locked up  P235, P403 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501 Dispose of contents/ container to an approved waste	P363	Wash contaminated clothing before reuse.		
doctor/ physician.  P303, P361, IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  P333, P313 If skin irritation or rash occurs: Get medical advice/ attention.  P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, P330 If swallowed: Rinse mouth. Do not induce vomiting.  P370, P378 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405 Store locked up  P235, P403 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501 Dispose of contents/ container to an approved waste	P363 P305, P351,	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes.		
P303, P361, P353	P363 P305, P351,	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.		
P353 contaminated clothing. Rinse skin with water/ shower.  P333, P313 If skin irritation or rash occurs: Get medical advice/ attention.  P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, P330, P331 If swallowed: Rinse mouth. Do not induce vomiting.  P370, P378 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405 Store locked up  P235, P403 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501 Dispose of contents/ container to an approved waste	P363 P305, P351,	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or		
P333, P313 If skin irritation or rash occurs: Get medical advice/ attention.  P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, If swallowed: Rinse mouth. Do not induce vomiting. P331 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage P405 Store locked up  P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste	P363 P305, P351, P338, P310	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.		
attention.  P304, P340 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, If swallowed: Rinse mouth. Do not induce vomiting.  P370, P378 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405 Store locked up  P235, P403 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501 Dispose of contents/ container to an approved waste	P363 P305, P351, P338, P310 P303, P361,	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all		
P304, P340  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, P330 P370, P378  In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage P405  Store locked up P235, P403  Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501  Dispose of contents/ container to an approved waste	P363 P305, P351, P338, P310 P303, P361, P353	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.		
comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  P301, P330, P331  If swallowed: Rinse mouth. Do not induce vomiting. P370, P378  In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage P405  Store locked up  P235, P403  Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501  Dispose of contents/ container to an approved waste	P363 P305, P351, P338, P310 P303, P361, P353	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/		
CENTER/doctor if you feel unwell.  P301, P330,	P363 P305, P351, P338, P310  P303, P361, P353 P333, P313	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/ attention.		
P301, P330, P331  P370, P378  In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405  Store locked up  P235, P403  Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501  Dispose of contents/ container to an approved waste	P363 P305, P351, P338, P310  P303, P361, P353 P333, P313	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/ attention.  If inhaled: Remove person to fresh air and keep		
P331  P370, P378 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405 Store locked up  P235, P403 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501 Dispose of contents/ container to an approved waste	P363 P305, P351, P338, P310  P303, P361, P353 P333, P313	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/ attention.  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON		
P370, P378 In case of fire: Use CO2, dry chemical, or foam for extinction  P-Code Precautionary Statement - Storage  P405 Store locked up  P235, P403 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501 Dispose of contents/ container to an approved waste	P363 P305, P351, P338, P310  P303, P361, P353 P333, P313  P304, P340	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/ attention.  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.		
extinction  P-Code Precautionary Statement - Storage  P405 Store locked up  P235, P403 Store in a cool well-ventilated area  P-Code Precautionary Statement - Disposal  P501 Dispose of contents/ container to an approved waste	P363 P305, P351, P338, P310  P303, P361, P353 P333, P313  P304, P340  P301, P330,	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/ attention.  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.		
P-Code Precautionary Statement - Storage P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste	P363 P305, P351, P338, P310  P303, P361, P353 P333, P313  P304, P340  P301, P330, P331	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/ attention.  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  If swallowed: Rinse mouth. Do not induce vomiting.		
P405 Store locked up P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste	P363 P305, P351, P338, P310  P303, P361, P353 P333, P313  P304, P340  P301, P330, P331	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/ attention.  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  If swallowed: Rinse mouth. Do not induce vomiting.		
P235, P403 Store in a cool well-ventilated area P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste	P363 P305, P351, P338, P310  P303, P361, P353 P333, P313  P304, P340  P301, P330, P331 P370, P378	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/ attention.  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  If swallowed: Rinse mouth. Do not induce vomiting.  In case of fire: Use CO2, dry chemical, or foam for extinction		
P-Code Precautionary Statement - Disposal P501 Dispose of contents/ container to an approved waste	P363 P305, P351, P338, P310  P303, P361, P353 P333, P313  P304, P340  P301, P330, P331 P370, P378  P-Code	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/ attention.  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  If swallowed: Rinse mouth. Do not induce vomiting.  In case of fire: Use CO2, dry chemical, or foam for extinction  Precautionary Statement - Storage		
P501 Dispose of contents/ container to an approved waste	P363 P305, P351, P338, P310  P303, P361, P353 P333, P313  P304, P340  P301, P330, P331 P370, P378  P-Code P405	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/ attention.  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  If swallowed: Rinse mouth. Do not induce vomiting.  In case of fire: Use CO2, dry chemical, or foam for extinction  Precautionary Statement - Storage  Store locked up		
	P363 P305, P351, P338, P310  P303, P361, P353 P333, P313  P304, P340  P301, P330, P331 P370, P378  P-Code P405 P235, P403	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/ attention.  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  If swallowed: Rinse mouth. Do not induce vomiting.  In case of fire: Use CO2, dry chemical, or foam for extinction  Precautionary Statement - Storage  Store locked up  Store in a cool well-ventilated area		
disposal plant. In accordance with local regulation	P363 P305, P351, P338, P310  P303, P361, P353 P333, P313  P304, P340  P301, P330, P331 P370, P378  P-Code P405 P235, P403	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/ attention.  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  If swallowed: Rinse mouth. Do not induce vomiting.  In case of fire: Use CO2, dry chemical, or foam for extinction  Precautionary Statement - Storage  Store locked up  Store in a cool well-ventilated area  Precautionary Statement - Disposal		
	P363 P305, P351, P338, P310  P303, P361, P353 P333, P313  P304, P340  P301, P330, P331 P370, P378  P-Code P405 P235, P403 P-Code	Wash contaminated clothing before reuse.  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  If skin irritation or rash occurs: Get medical advice/ attention.  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  If swallowed: Rinse mouth. Do not induce vomiting.  In case of fire: Use CO2, dry chemical, or foam for extinction  Precautionary Statement - Storage  Store locked up  Store in a cool well-ventilated area  Precautionary Statement - Disposal  Dispose of contents/ container to an approved waste		

2.3 Other Hazards None known



- 3.1 Substances
- 3.2 Mixtures

#### See section below for Mixtures

CAS No.	Material	Content %	
2855-13-2	Isophorone diamine	diamine 10-30	
1477-55-0	M-phenylenebis (methylamine) <2		
78-83-1	2-Methylpropan-1-ol	<2	
50-00-0	Formaldehyde	<0.1	
1330-20-7	Xylenes (o-, m-, p- isomers)	1-10	
100-41-4	Ethyl benzene	1-5	

### **SECTION 4 – FIRST AID MEASURES**

#### 4.1 Description of first aid measures

#### **General Advice:**

Immediately remove contaminated clothing. If in danger of loss of consciousness, place patient in recovery position and transport accordingly. Apply artificial reparation if necessary. First aid personal should pay attention to the own safety.

#### Ingestion:

IF SWALLOWED Transport to hospital, or doctor. For advice, contact a Poisons Information Centre or a doctor. In the mean time, qualified first-aid personnel should treat the patient following observation and employing supportive measures as indicated by the patient's condition. If the services of a medical officer or medical doctor are readily available, the patient should be placed in his/her care and a copy of the SDS should be provided. Further action will be the responsibility of the medical specialist. If medical attention is not available on the worksite or surroundings send the patient to a hospital together with a copy of the SDS.

#### Inhalation:

Keep patient calm and remove to fresh air. Transport to hospital, or doctor.

#### **Eye Contact:**

While holding eyes open, gently flood with plenty of fresh water for 15 minutes. Washing within one minute is essential to achieve maximum effectiveness. Immediate medical attention required. If pain persists or recurs also seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.

#### **Skin Contact:**

Flush contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation. Remove contaminated clothing including footwear.

4.2 Most important symptoms and effects, both acute and delayed

Any relevant information can be found in other parts of this section and in sections 2 and 11.

4.3 Advice for doctor

May cause sensitisation in susceptible persons. Treat symptomatically. Because of the danger of aspiration, emesis or gastric lavage should not be used unless the risk is justified by the presence of additional toxic substances..

#### SECTION 5 – FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable extinguishing media:

Water fog or fine spray, dry chemical powder, foam, BCF (where regulations permit). Alcohols resistant foams are preferred. Protein foams may functions but will be less effective.

Unsuitable extinguishing media that may not be used for safety reasons:



Do not use direct water stream as it might spread the fire.

5.2 Special hazards arising from the substance or mixture Oxides of carbon and other possibly toxic fumes from fire.

5.3 Advice for firefighters

Wear full body protective clothing with breathing apparatus. Prevent, by any means available, spillage from entering drains or water course. Heating may cause expansion or decomposition leading to violent rupture of containers. On combustion, may emit toxic fumes of carbon monoxide (CO). Combustion products include carbon dioxide (CO2), phenolics products typical of burning organic material. Closed containers may rupture due to pressure buildup under fire conditions.

Hazchem code: 3Y

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. If material is released indicate risk of slipping. Do not walk through spilled material. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback.

6.2 Environmental precautions

Do not discharge into sewers or waterways and soil.

6.3 Methods and material for containment and cleaning up

Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

6.4 Reference to other sections

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

### SECTION 7 - HANDLING & STORAGE

7.1 Precautions for safe handling

Ensure thorough ventilation of stores and work areas. Handle in accordance with good industrial hygiene and safety practice. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. Protection against fire and explosion: The product is flammable. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

7.2 Conditions for safe storage

### **Storage Requirements:**

Store in a cool, dry and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e. pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store away from strong acids, strong bases and strong oxidising agents.

**Temperature Conditions:** 

Up to 40° C

Protection from weather:

Store undercover and away from frost and moisture

7.3 Specific end use(s)

Once mixed with part A and applied, produces a hard wearing, durable surface



suitable for commercial and industrial applications.

7.4 Regulations and standards

(Australia):

Classified as Hazardous Liquid which should be stored and handled in accordance

with regulations

#### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

#### Exposure limits Australia

Ingredient	STEL	TWA
2-Methylpropan-1-ol		50ppm
Xylene	150ppm	80ppm
Formaldehyde	2ppm	1ppm
Ethylbenzene	125ppm	100ppm

#### 8.2 Exposure controls

#### General protection and hygiene measures:

General ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations. Do not eat, drink or smoke when handling. Wash hands at the end of work and before eating. Keep working clothes separately. Remove contaminated, soaked clothing immediately. Clean work areas regularly.

#### Personal protection equipment:

Respiratory protection

Respiratory protection should be worn Type A1 Filter of sufficient capacity if ventilation is inadequate. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent). When there is a potential to exceed exposure limits or guidelines a positive pressure full face respirator should be worn. If there are no applicable limits, wear respiratory protection when adverse effects like irritation or discomfort have been experienced or when indicated by you risk assessment process.

Eye protection

Chemical goggles. Full face respiratory may be required if exposure causes discomfort.

Hand protection

When handling liquid-grade epoxy resins wear chemically protective gloves (e.g nitrile or nitrile-butatoluene rubber). Do NOT use cotton or leather (which absorb and concentrate the resin), polyvinyl chloride, rubber or polyethylene gloves (which absorb the resin).

Skin protection

Overalls clothing, P.V.C. apron.

Other Information

Do not use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

8.3 Further information for system design and engineering measures

Ventilation is recommended under normal use conditions. State regulations on speed and direction of airflow away from operators must be observed. Keep containers closed when not in use.

#### SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

9.1 Odour:

**Odour Threshold** 

Colour:

Ammoniacal odour Not determined

Clear colourless to slight amber



Physical State: Low Viscosity Liquid

Flash Point:50°CBoiling Point:>100 °CMelting Point:Not Available

Specific Gravity: 1.94 pH: >12

**Solubility in Water (g/L):** Insoluble (Hydrophobic)

Flammability: Yes

Lower Limit:Not determinedHigher Limit:Not determinedVapour Pressure:Not determinedVapour Density (Air = 1)Not determinedOther informationNone available

#### SECTION 10 – STABILITY AND REACTIVITY

10.1 Reactivity; Chemical stability; If stored and handled in accordance with standard industrial practices not

-3 **Possibility of hazardous** hazardous reactions are known.

**reactions** Unstable in the present of incompatible material.

**10.4 Conditions to avoid** Heat, flames and sparks.

**10.5** Incompatible materials Keep away from oxidizing agents, acids and alkalis.

10.6 Hazardous decomposition products

9.2

N 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity/Effects CAS 2855-13-2 aminomethyl-3, 5, 5-trimethylcyclohexylamine IPD:

Acute oral toxicity LD50 > 1030 mg/kg (rat)

Acute Dermal toxicity LD50 > 1840 mg/kg (rabbit)

Skin corrosion/irritation

Irritant to skin and mucus membranes

Oxides of carbon and other possibly toxic fumes from fire.

Serious eye damage/eye irritation

Irritating effect

Sensitization

Sensitisation possible through skin contact.

2-Methylpropan-1-ol

Acute toxicity

Oral: LD50 2460 mg/kg ( Rat ) Dermal: LD50 3400 mg/kg ( Rabbit

**Xylene** 

Acute toxicity

Oral: LD50 3500 mg/kg ( Rat )

Inhalation: LC50 29.08 mg/L (Rat) 4 h and 5000ppm (Rat) 4 h



#### **Formaldehyde**

Acute toxicity

Oral: LD50100 mg/kg (Rat)

Inhalation: LDC50 0.578 mg/L ( Rat ) 4 h Dermal: LD50 270 mg/kg ( Rabbit )

#### Ethylbenzene

Acute toxicity

Oral: LD50 3500 mg/kg ( Rat ) Inhalation: LC50 17.2 mg/L ( Rat ) 4 h Dermal: LD50 15400 mg/kg ( Rabbit )

#### **Enviro Epoxy AC Part B**

Skin corrosion/irritation

Classification based on individual ingredients of the mixture. Irritating to skin.

Serious eye damage/eye irritation

Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.

Respiratory or skin sensitisation

May cause sensitisation by skin contact.

#### **Chronic Toxicity/Effects**

#### **Enviro Epoxy AC part B:**

Specific target organ systematic toxicity (single exposure)

May cause respiratory irritation. May cause drowsiness or dizziness.

Specific target organ systematic toxicity (repeated exposure)

Inhaled: Prolonged exposure to high concentrations of vapour may affect the central nervous system.

Genetic toxicity

Classification based on individual ingredients of the mixture. Contains a known or suspected mutagen. The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as mutagenic.

Carcinogenicity

Formaldehyde is a probable carcinogen

Reproductive toxicity
No information available.

**Teratogenicity** 

No information available.

Aspiration Hazard

No information available.

Long Term Effects:

Inhaled: Prolonged exposure to high concentrations of vapour may affect the

central nervous system.

On the skin: Product may be a skin sensitiser in some individuals.

On the eye: Corneal injury.

#### SECTION 12 – ECOLOGICAL INFORMATION

**Toxicity** 

CAS 2855-13-2 aminomethyl-3, 5, 5-trimethylcyclohexylamine IPD:



Acute toxicity in fish 110 mg/l (Leuciscus idus) (LC50(96h))

Acute toxicity to aquatic invertebrates 23 mg/l (Daphnia magna )(EC50(48h))

Acute toxicity to algae/aquatic plants >50 mg/l (Scenedesmus subspicatus) (ErC50(72h))

#### 2-Methylpropan-1-ol:

Acute toxicity in fish

1370 - 1670 mg/L LC50 96 h Pimephales promelas flow-through 1480 - 1730 mg/L LC50 96 h Lepomis macrochirus flow-through 375 mg/L LC50 96 h Pimephales promelas static 1120 - 1520 mg/L LC50 96 h Oncorhynchus mykiss flow-through

Acute toxicity to aquatic invertebrates 1300 mg/L EC50 48 h Daphnia magna 1070 - 1933 mg/L EC50 48 h Daphnia magna Static

Acute toxicity to algae/aquatic plants
230 mg/L EC50 48 h Desmodesmus subspicatus

#### Xylene:

Acute toxicity in fish

13.4 mg/L LC50 96 h Pimephales promelas flow-through
13.5 - 17.3 mg/L LC50 96 h Oncorhynchus mykiss
13.1 - 16.5 mg/L LC50 96 h Lepomis macrochirus flow-through
23.53 - 29.97 mg/L LC50 96 h Pimephales promelas static
19 mg/L LC50 96 h Lepomis macrochirus
2.661 - 4.093 mg/L LC50 96 h Oncorhynchus mykiss static
30.26 - 40.75 mg/L LC50 96 h Poecilia reticulata static
780 mg/L LC50 96 h Cyprinus carpio semi-static
780 mg/L LC50 96 h Cyprinus carpio
7.711 - 9.591 mg/L LC50 96 h Lepomis macrochirus static

Acute toxicity to aquatic invertebrates 3.82 mg/L EC50 48 h water flea 0.6 mg/L LC50 48 h Gammarus lacustris

#### Formaldehyde:

Acute toxicity in fish 22.6 - 25.7 mg/L LC50 96 h Pimephales promelas flow-through 41 mg/L LC50 96 h Brachydanio rerio static 23.2 - 29.7 mg/L LC50 96 h Pimephales promelas static  $1510~\mu g/L$  LC50 96 h Lepomis macrochirus static 100 - 136 mg/L LC50 96 h Oncorhynchus mykiss static 0.032 - 0.226 mL/L LC50 96 h Oncorhynchus mykiss flow-through

Acute toxicity to aquatic invertebrates 2 mg/L LC50 48 h Daphnia magna 11.3 - 18 mg/L EC50 48 h Daphnia magna Static

#### Ethylbenzene:

Acute toxicity in fish
11.0 - 18.0 mg/L LC50 96 h Oncorhynchus mykiss static
7.55 - 11 mg/L LC50 96 h Pimephales promelas flow-through
9.1 - 15.6 mg/L LC50 96 h Pimephales promelas static



9.6 mg/L LC50 96 h Poecilia reticulata static 4.2 mg/L LC50 96 h Oncorhynchus mykiss semi-static 32 mg/L LC50 96 h Lepomis macrochirus static

Acute toxicity to aquatic invertebrates 1.8 - 2.4 mg/L EC50 48 h Daphnia magna

Acute toxicity to algae/aquatic plants

438 mg/L EC50 96 h Pseudokirchneriella subcapitata 4.6 mg/L EC50 72 h Pseudokirchneriella subcapitata

1.7 - 7.6 mg/L EC50 96 h Pseudokirchneriella subcapitata static 2.6 - 11.3 mg/L EC50 72 h Pseudokirchneriella subcapitata static

Microorganisms/Effect on

sludge

CAS 2855-13-2 aminomethyl-3, 5, 5-trimethylcyclohexylamine IPD

1120 mg/l (Pseudomonas putida) (EC10(18h))

Persistence and degradability No information available.

Bioaccumulative potential **Partition coefficient** 

2-Methylpropan-1-ol = 0.79

Xylene = 3.15

Formaldehyde = 0.35 Ethylbenzene = 3.118

Mobility in soil No information available.

**Additional Information** Do NOT discharge into sewer or waterways. Harmful to fish

#### 13.1 Waste treatment methods

#### **Material Recommendation:**

Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

#### **Uncleaned packaging Recommendation:**

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

### ECTION 14 – TRANSPORT INFORMATION

**Transport Information** Classified as a Dangerous Good according to the Australian Code for the

Transportation of Dangerous Goods by Road and Rail.

U.N. Number: 1263 DG Class: 3 EPG card: N/A

Hazchem Code: 3Y

Proper Shipping Name: Paint related products

Packing Group:

Classification for SEA U.N. Number: 1263 DG Class: transport (IMO-IMDG) 3



Proper Shipping Name: Paint related products

> Packing Group: Ш Marine Pollutant: Yes EmS-No F-E, S-E

Classification for AIR U.N. Number: 1263 transport (IATA/ICAO)

DG Class:

Proper Shipping Name: Paint related products

Packing Group:

Label



### SECTION 15 – REGULATORY INFORMATION

National and local regulations must be observed. For information on 15.1 Safety, health and environmental labeling please refer to section 2 of this document.

regulations/legislation specific for the substance or mixture

**Poisons Schedule Number: S5** 

Australian Inventory: Listed

**Controlled Schedule** Not listed substances

Carcinogenic Substances:

### **SECTION 16 – OTHER INFORMATION**

Safety Data Sheets are updated regularly. Please ensure you have a current copy. SDS can be obtained from our website: www.envirosystems.com.au

The SDS should be used to assist in the Risk Management. Many other factors determine whether the reported Hazards are risks in any given workplace.

Specific Risks may be determined by reference to various Exposure Scenarios, Scale of use, Frequency of use and current or available engineering controls must be considered.

This document belongs entirely to Enviro Systems Pty Ltd and apart of the use of it for the purposes of private study, research, review or criticism, no part may be reproduced or re-used without prior permission from ENVIROSYSTEMS.

Emergency Telephone: Info Safe – 1800 638 556, Poisons Centre – 13112