



SQM04

MATERIAL SAFETY DATA SHEET No. 1/1

Revised January 2019

Enviropaints Limited, PO Box 152, Otaki, (06) 364 8085

CHEMICAL PRODUCT AND COMPANY ID Section 1

| | |
|-------------------------------|--------------------------------|
| PRODUCT NAME: | Enviropaints Elasto 300 |
| CHEMICAL NAME: | Mixed acrylates |
| UN NUMBER: | 1866 |
| DANGEROUS GOODS CLASS: | None allocated |
| HAZCHEM CODE: | None allocated |

HAZARDS IDENTIFICATION Section 2

Classification (1) Acute Aquatic Hazard Category 3, Chronic Aquatic Hazard Category 3.

Legend: 1.
Determined by Chemwatch using
GHS/HSNO Criteria

1. Classified by Chemwatch
9.1C, 9.1D

Label Elements

Hazard pictograms Not Applicable
Signal Word Not Applicable

Hazard statements

H412 Harmful to Aquatic Life with long lasting effects.

Precautionary Statements

Prevention

P273 Avoid release to the environment.



COMPOSITION AND INGREDIENTS

Section 3

| | |
|-----------------------------|---|
| APPEARANCE: | Liquid; White or Coloured |
| ODOUR: | Sweet Fruity Ammoniacal |
| VOLATILE %: | 45 - 65% wt (Essentially water) |
| DENSITY: | 1.10 - 1.55 (Dependent on colour) |
| pH: | 8.9 - 9.6 |
| Non Toxic | |
| Main component | 70% Acrylic polymer with elastomeric qualities. |
| Titanium | 20% |
| Other non toxic ingredients | 10%. |

FIRST AID MEASURES

Section 4

(Relating to hazardous ingredients of paint)

Threshold Limit Value (TLV) see section II

Inhalation - Of high vapour concentrations may cause headache, nausea, intoxication, and difficulty in breathing. Prolonged Skin Contact may cause irritation and defatting.

FIRST AID:

Inhalation : Move subject to fresh air. Apply artificial respiration or oxygen if necessary. Obtain medical attention if overcome by any fumes.

Swallowed: No serious poisoning hazard: drink plenty of water. Seek medical attention.

Eyes: Flush eyes with copious volumes of clean water, lifting lids occasionally, seek medical attention.

Skin: Thoroughly wash exposed area with soap and water. Remove affected clothing and launder before reuse.



FIRE FIGHTING MEASURES

Section 5

- Respiratory Protection:** Use with adequate ventilation. If product is sprayed, vapours and mists are generated; therefore use of an approved respirator is recommended for this operation.
- Ventilation:** Sufficient ventilation or local exhaust ventilation recommended.
- Flammability:** Not Flammable
- Miscellaneous:** Avoid contact with skin, eyes, clothing, and use adequate ventilation.

ACCIDENTAL RELEASE MEASURES

Section 6**SPIILLS AND DISPOSAL:**

Dyke area of spillage. Absorb or contain liquid with sand, earth or other absorbent material. Shovel up and place in a labeled, sealable drum for subsequent safe disposal. Put leaking containers in a labeled drum or over drum. Prevent contamination of storm water system. Flush area with water.

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DISPOSAL: contaminated absorbent to be deposited in approved landfill in accordance with Local Government Regulations.

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ENVIRONMENTAL PRECAUTIONS:

Prevent contamination of soil and water. If product contaminates soil may cause grass and plants in top surface to wilt and die. May be toxic to marine life.

HANDLING AND STORAGE

Section 7**Precautions for safe handling**

Safe handling Avoid unnecessary personal contact
Other information Store in original containers

Conditions for safe storage

Suitable container Packaging as recommended by manufacturer
Storage incompatibility None Known

EXPOSURE CONTROLS/PERSONAL PROTECTION

Section 8



Personal Protection

Eye and face protection

Safety glasses with side shields

Chemical goggles

Skin Protection

Hands protection

Body protection

Other protection

Thermal Hazards

Respiratory protection

Not usually required. Where the concentration of vapours

in the breathing zone approaches or exceeds the “Exposure Standards” respiratory equipment is required.

| Required min protection factor | Max gas in air ppm by vol | Half-face Resp | Full Face Resp |
|--------------------------------|---------------------------|----------------|----------------|
| Up to 10 | 1000 | A-Aus/Class 1 | - |
| Up to 50 | 1000 | - | A-Aus/Class |
| Up to 50 | 5000 | Airline* | - |
| Up to 100 | 5000 | - | A-2 |
| Up to 100 | 10000 | - | A-3 |
| 100+ | | - | Airline** |

*Continuous Flow

** Continuous Flow or positive pressure demand

A(all classes)=Organic Vapours, B AUS or B1-3=Acid gases, E=Sulfur dioxide, G=Abri Chemicals, K=Ammonia, Hg=Mercury, NO=Oxides of Nitrogen, MB Methyl Bromide, AX=Low Boiling point organic compounds(below 65 deg C)

PHYSICAL AND CHEMICAL PROPERTIES Section 9

| | | | |
|-------------------------------|-------------------|-----------------------------------|---------------|
| Appearance | White or Coloured | Relative density (Water=1) | 1.1-1.55 |
| Physical State | Liquid | Partition coefficient | Not available |
| Odour | Sweet | Auto Ignition temp | Not available |
| Odour Threshold | Not available | Decomposition temp | Not available |
| pH | 8.9-9.6 | Viscosity | 80ku |
| Melting point/Freezing | Not available | Molecular Weight | Not available |
| Initial boiling point | 100 | Taste | Not available |
| Flash point | Non flammable | Explosive properties | Not available |
| Evaporation Rate | Not available | Oxidising properties | Not available |
| Flammability | Non flammable | Surface tension | Not available |



Explosive limit Not available
Vapour Pressure Not available
Solubility in Water Miscible
Vapour Density(Air=1) Not available

Volatile Component(%vol) 45-65%
Gas Group Not available
pH as solution Not available
VOC g/L 50

CHEMICAL STABILITY AND REACTIVITY Section 10

Product is considered stable.

TOXICOLOGICAL INFORMATION Section 11

Health hazard summary table

| | |
|------------------------|----------------|
| Germ cell mutagenicity | Not Applicable |
| Carcinogenicity | Not Applicable |
| Reproductive toxicity | Not Applicable |
| STOT-single exposure | Not Applicable |
| STOT-repeated exposure | Not Applicable |
| Aspiration Hazard | |

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| | |
|------------------------|---|
| Swallowed | The material has NOT been classified by EC Directives as “harmful by ingestion” |
| Eye | Although the liquid is not thought to be an irritant direct contact with the eye may produce transient discomfort |
| Skin | The material is not thought to produce adverse effects from contact |
| Inhaled | The material is not thought to produce adverse effects from inhalation |
| Chronic Health Effects | Long Term exposure to the product is not thought to produce chronic effects adverse to health. Nevertheless exposure by all routes should be minimized as a matter of course. |

ECOLOGICAL INFORMATION Section 12

Harmful to Aquatic organisms may cause long term adverse effects in the aquatic environment.

DISPOSAL CONSIDERATIONS Section 13

Consult Manufacturer for recycling options and recycle where possible.
Consult local landfill for disposal options
Insure that the disposal of material is carried out in accordance with Hazardous Substances (Disposal) Regulations 2001.



TRANSPORTATION INFORMATION

Section 14

Labels Required

Marine pollutant No
 HAZCHEM Not Applicable

Land Transport(UN): Not regulated for transport of dangerous goods.

Air transport (ICAO-IATA/DGR): Not regulated for transport of dangerous goods

Sea Transport (IMDG-Code/GGVSee): Not regulated for transport of dangerous goods

Transport in Bulk according to Annex II of MARPOL and the IBC Code.

REGULATORY INFORMATION

Section 15

Safety health and environmental regulations/legislation specific to the mixture
 The substance is to be managed using the conditions specified in an applicable Group Standard.

HSR Number

HSR002670

Group Standard

Surface Coatings and Colourants(Subsidiary Hazard) Group
 Standard 2006

Location Test Certificate

Subject to Regulation 55 of the Hazedous Substances (Classes 1 to 5 Controls)Regulations

A locations test certificate is required when quantity greater than or equal to those indicated below are present:

Hazard Class

Not Applicable

**Quantity with controls
for closed containers.**

Not Applicable

**Quantity with controls
for open containers**

Not Applicable

Approved Handler

Subject to Regulation 55 of the Hazedous Substances (Classes 1 to 5 Controls)Regulations

And Regulation 9 of the Hazardous Substances (Classes6,8 and 9 Controls Regulations

the substance must be under the personal control of an Approved Handler when present in a quantity greater than or equal to those indicated below:

Class of Substance

Not Applicable

Quantities

Not Applicable

Refer Group Standards for more information.

Tracking Requirements

Not applicable



OTHER INFORMATION

Section 16

While Enviropaints Limited believes that the information contained herein is based on data considered accurate, no warranty or representation is expressed or implied for which Enviropaints Limited assumes legal responsibility. No reliance should be placed upon the information without it first being given your due consideration, investigation and verification.

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