

Safety Data Sheet

according to WHS Regulations

Printing date 14.10.2019

Revision: 14.10.2019

1 Identification

Product Name: EASY PUR 2K SUMMER KOMP. A and EASY PUR 2K WINTER KOMP. A

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Assembly adhesive reaction resin

Details of Manufacturer or Importer:

Pipe Core Pty Ltd
Unit 8, 600 Lorimer Street,
Port Melbourne, Victoria 3207

Phone Number: 1800 747 326

Emergency telephone number: National Poison Information Centre: 13 11 26

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



corrosion

Serious Eye Damage/Irritation 1 H318 Causes serious eye damage.



Skin Corrosion/Irritation 2

H315 Causes skin irritation.

STOT SE 3

H335 May cause respiratory irritation.

Signal Word Danger

Hazard Statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Precautionary Statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves / eye protection / face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

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3 Composition and Information on Ingredients

Chemical Characterization: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

| | | |
|----------------|--|-----------|
| CAS: 1344-09-8 | Silicic acid, sodium salt ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Skin Corrosion/Irritation 2, H315; STOT SE 3, H335 | 50 - 100% |
| CAS: 107-21-1 | 1,2-Ethenediol ⚠ Acute Toxicity (Oral) 4, H302; STOT SE 3, H335 | ≤2.5% |

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: May cause respiratory irritation.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye damage.

Ingestion: No information available.

5 Fire Fighting Measures

Suitable Extinguishing Media: Water fog, alcohol resistant foam, dry chemical powder or carbon dioxide.

Specific Hazards Arising from the Chemical:

No hazardous decomposition products known.

This product is not flammable or combustible.

Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear Safe Work Australia approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Spilt product may be slippery.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

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Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so. Dilute with plenty of water and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Keep only in original container.

8 Exposure Controls and Personal Protection

Exposure Standards:**CAS: 107-21-1 1,2-Ethandiol**

| | |
|-----|--|
| WES | STEL: 104** mg/m ³ , 40** ppm TWA: 10* 52** mg/m ³ , 20** ppm Sk;*particulate;**vapour |
|-----|--|

Engineering Controls:

Maintain air concentration below occupational exposure standards, providing adequate ventilation.

Respiratory Protection: Respiratory protection is not required under normal use conditions.

Skin Protection:

PVC, PE, nitrile rubber or viton gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

| | |
|---|---------------------------|
| Form: | Liquid |
| Colour: | Yellow |
| Odour: | Characteristic |
| Odour Threshold: | Not determined. |
| pH-Value at 20 °C: | >11 |
| Melting point/freezing point: | No information available |
| Initial Boiling Point/Boiling Range: | No information available |
| Flash Point: | Not applicable |
| Flammability: | Product is not flammable. |

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| | |
|---|-------------------------------|
| Auto-ignition Temperature: | Product is not self-igniting. |
| Decomposition Temperature: | No information available |
| Explosion Limits: | |
| Lower: | Not applicable |
| Upper: | Not applicable |
| Vapour Pressure: | No information available |
| Density at 20 °C: | 1.48 g/cm ³ |
| Vapour Density: | No information available |
| Evaporation Rate: | No information available |
| Solubility in Water: | Fully miscible. |
| Partition Coefficient (n-octanol/water): | No information available |
| Viscosity at 20 °C: | 300 mPas (Dynamic) |

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: No further relevant information available.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products: No hazardous decomposition products known.

11 Toxicological Information

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification:

CAS: 107-21-1 1,2-Ethandiol

| | | |
|--------|------------------|----------------------|
| Oral | LD ₅₀ | 5,840 mg/kg (rat) |
| Dermal | LD ₅₀ | 9,530 mg/kg (rabbit) |

Acute Health Effects

Inhalation: May cause respiratory irritation.

Skin: Causes skin irritation.

Eye: Causes serious eye damage.

Ingestion: No information available

Skin Corrosion / Irritation: Causes skin irritation.

Serious Eye Damage / Irritation: Causes serious eye damage.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure: May cause respiratory irritation.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No information available

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Existing Conditions Aggravated by Exposure: No information available**Additional toxicological information:** No information available

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:****CAS: 107-21-1 1,2-Ethanediol**EC₅₀/48 h 49,000 mg/l (daphnia)EC₅₀/96 h 6,500-13,000 mg/l (green algae)LC₅₀/96 h 22,810 mg/l (rainbow trout)**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.**Other adverse effects:**

Water hazard class 1 according to the German regulations. Slightly hazardous for water.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

15 Regulatory Information

Australian Inventory of Chemical Substances:

CAS: 1344-09-8 Silicic acid, sodium salt

CAS: 107-21-1 1,2-Ethanediol

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Not Scheduled.

16 Other Information

Date of Preparation or Last Revision: 14.10.2019**Prepared by:** MSDS.COM.AU Pty Ltd

www.msds.com.au

Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC₅₀: Lethal concentration, 50 percentLD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

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NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016”

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