

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name PROMAPAIN 60
Synonyms PROMAT PROMOPAINT 60.
Uses PAINT, INDUSTRIAL APPLICATIONS.
Supplier Name PROMAT AUSTRALIA PTY LTD
Address 1 Scotland Road, MILE END SA, 5031, AUSTRALIA
Telephone (08) 8352 6759
Fax +61 8 8352 1014

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA
NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Formula | Conc. | CAS No. |
|------------------------------|-----------|---------------|---------------|
| WATER | H2O | >60% | 7732-18-5 |
| PENTAERYTHRITOL ADDITIVES | C5-H12-O4 | 1 - 10% | 115-77-5 |
| | | Not Available | Not Available |

4. FIRST AID MEASURES

Eye Flush gently with running water. Seek medical attention if irritation develops.

Inhalation If exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.

Skin Gently flush affected areas with water. Seek medical attention if irritation develops.

Ingestion For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor. If swallowed, do not induce vomiting.

Advice To Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability Non flammable. May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition.

Fire and Explosion Non flammable. If product is present in a fire, toxic gases (carbon oxides, hydrocarbons) may be evolved. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Extinguishing Non flammable.

Hazchem Code None Allocated

Colour
Rating
GREEN

6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt (bulk), absorb with sand or similar. Wear splash-proof goggles, PVC/rubber gloves, coveralls and boots. Where an inhalation risk exists, wear a Type A (Organic vapour) respirator. Collect and place in sealable containers for disposal. Caution, spill site may be slippery.

7. HANDLING AND STORAGE

Handling Use safe work practices to avoid eye or skin contact and inhalation. Observe good personal hygiene. Prohibit eating, drinking and smoking in contaminated areas. Wash hands before eating. Remove contaminated clothing and protective equipment before entering eating areas.

Storage Store in cool, dry, well ventilated area, removed from oxidising agents, acids and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.

Exposure Standards PENTAERYTHRITOL (115-77-5)
TWA : 10 mg/m³ Pentaerythritol

PPE Wear splash-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear coveralls. Where an inhalation risk exists, wear a Type A (Organic vapour) Respirator.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: COLOURED LIQUID
Odour: SLIGHT ODOUR
pH: NOT AVAILABLE
Vapour Pressure: NOT AVAILABLE
Vapour Density: NOT AVAILABLE
Boiling Point: NOT AVAILABLE
Melting Point: NOT AVAILABLE
Evaporation Rate: NOT AVAILABLE
Solubility (water): SOLUBLE
Specific Gravity: 1.25 - 1.45
% Volatiles: NOT AVAILABLE
Flammability: NOT AVAILABLE
Flash Point: NOT AVAILABLE
Upper Explosion Limit: NOT AVAILABLE
Lower Explosion Limit: NOT AVAILABLE
Autoignition Temperature: NOT AVAILABLE

10. STABILITY AND REACTIVITY

Reactivity Incompatible with oxidising agents (eg. peroxides) and acids (eg. hydrochloric acid).

Decomposition Products May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition.

Colour
Rating
GREEN

11. TOXICOLOGICAL INFORMATION

| | |
|------------------------------|---|
| Health Hazard Summary | Low toxicity - low irritant. Use safe work practices to avoid eye or skin contact and vapour inhalation. Due to the low vapour pressure of this product an inhalation hazard is not anticipated under normal conditions. |
| Eye | Low to moderate irritant. Direct contact may result in irritation, pain and redness. |
| Inhalation | Low irritant. Over exposure to mists or vapours (if sprayed) may result in mucous membrane irritation of the nose and throat with coughing. At high levels nausea, dizziness and headache. Low product vapour pressure (low volatility), considerably reduces the potential for an inhalation hazard. |
| Skin | Low irritant. Prolonged and repeated contact may result in irritation, skin rash and dermatitis. |
| Ingestion | Low toxicity. Ingestion may result in headache, nausea, vomiting, gastrointestinal irritation and diarrhoea. |
| Toxicity Data | PENTAERYTHRITOL (115-77-5) LD50 (Ingestion) : 11300 mg/kg (guinea pig) |

12. ECOLOGICAL INFORMATION

| | |
|--------------------|---|
| Environment | This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate. |
|--------------------|---|

13. DISPOSAL CONSIDERATIONS

| | |
|-----------------------|---|
| Waste Disposal | For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information if larger amounts are involved. |
| Legislation | Dispose of in accordance with relevant local legislation. |

14. TRANSPORT INFORMATION

| | |
|---------------------------|--|
| Transport | Not classified as a Dangerous Good according to the Australian Code for the transport of Dangerous Goods by Road and Rail. |
| UN Number | None Allocated |
| DG Class | None Allocated |
| Subsidiary Risk(s) | None Allocated |
| Packing Group | None Allocated |
| Hazchem Code | None Allocated |

15. REGULATORY INFORMATION

| | |
|------------------------|---|
| Poison Schedule | A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). |
|------------------------|---|

16. OTHER INFORMATION

| | |
|-------------------------------|---|
| Additional Information | RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary. |
|-------------------------------|---|

Colour
Rating
GREEN

16. OTHER INFORMATION cont.

COLOUR RATING SYSTEM: Chem Alert reports are assigned a colour rating of Green, Amber or Red for the purpose of providing users with a quick and easy means of determining the hazardous nature of a product. Safe handling recommendations are provided in all Chem Alert reports so as to clearly identify how users can control the hazards and thereby reduce the risk (or likelihood) of adverse effects. As a general guideline a Green colour rating indicates a low hazard, an Amber colour rating indicates a moderate hazard and a Red colour rating indicates a high hazard.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made. Information provided by Risk Management Technologies is summarised for ease of use. Additional technical information is available by calling +61 8 9322 1711.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

ABBREVIATIONS:

mg/m³ - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

M - moles per litre, a unit of concentration.

IARC - International Agency for Research on Cancer.

MSDS Reviewed 1st January 2004

Date Printed 2nd September 2004

Report Status Chem Alert reports are compiled as an independent source of information by RMT's scientific department, based on the latest chemical and toxicological research and, where appropriate, in compliance with relevant standards, guidance notes and legislation. Where available the manufacturer's original MSDS is also provided to Chem Alert subscribers as a scanned image for their convenience. In many instances Chem Alert reports are compiled on behalf of manufacturers in which case they serve as the "Manufacturer's MSDS" and are clearly identified as such on the relevant reports.

Prepared By Risk Management Technologies
5 Ventnor Avenue, West Perth
Western Australia 6005
Phone: +61 8 9322 1711
Fax: +61 8 9322 1794
Web: www.rmt.com.au

**Colour
Rating
GREEN**