

# Material Safety Data Sheet

Prepared by Chem Alert

Product Name **PROMAPAIN 120**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Supplier Name** PROMAT AUSTRALIA PTY LTD  
**Address** 1 Scotland Road, MILE END SA, 5031, AUSTRALIA  
**Telephone** (08) 8352 6759  
**Fax** +61 8 8352 1014

**Synonyms** PROMAPAIN 30-120.

**Uses** PAINT, INDUSTRIAL APPLICATIONS.

## 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	H <sub>2</sub> O	>60%	7732-18-5
POLYGLYCOL ETHER ADDITIVES		<5%	Not Available
		Not Available	Not Available

## 4. FIRST AID MEASURES

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

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

**Skin** Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.

**Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor.

**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. Evacuate area and contact emergency services. Toxic gases (hydrocarbons, carbon oxides) may be evolved when heated. 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. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

**Hazchem Code** None Allocated

## 6. ACCIDENTAL RELEASE MEASURES

**Spillage** If spilt (bulk), contact emergency services if appropriate. Wear splash-proof goggles, PVC/rubber gloves, coveralls and boots. Where an inhalation risk exists, wear a Type A (Organic vapour) respirator or an Air-line respirator. Prevent spill entering drains or waterways. Absorb spill with moist sand or similar and place in sealable containers for

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## 6. ACCIDENTAL RELEASE MEASURES cont.

disposal.

## 7. HANDLING AND STORAGE

**Handling** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas (eg. if container is damaged).

**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** Use with adequate natural ventilation. Where vapour or mist generation is possible, mechanical extraction ventilation is recommended.

**Exposure Standards** An exposure standard (ES-TWA, ES-STEL, WES-TWA, ES-PEAK, ES-TLV) has not been allocated to the ingredients contained in this product.

**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:** WHITE LIQUID

**Odour:** WEAK CHARACTERISTIC ODOUR

**pH:** 8

**Vapour Pressure:** NOT AVAILABLE

**Vapour Density:** NOT AVAILABLE

**Boiling Point:** NOT AVAILABLE

**Melting Point:** NOT AVAILABLE

**Evaporation Rate:** NOT AVAILABLE

**Solubility (water):** INSOLUBLE

**Specific Gravity:** 1.3

**% Volatiles:** NOT AVAILABLE

**Flammability:** NON FLAMMABLE

**Flash Point:** NOT RELEVANT

**Upper Explosion Limit:** NOT RELEVANT

**Lower Explosion Limit:** NOT RELEVANT

**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.

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## 11. TOXICOLOGICAL INFORMATION

- Health Hazard Summary** Low toxicity. Use safe work practices to avoid eye or skin contact and vapour inhalation. Chronic over exposure to some glycols is reported to cause kidney and liver damage, however given the low percentage within this product, over exposure is not anticipated.
- Eye** Low to moderate irritant. Exposure 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.

## 12. ECOLOGICAL INFORMATION

- Environment** Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

## 13. DISPOSAL CONSIDERATIONS

- Waste Disposal** For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result.
- 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

- AICS** All chemicals listed on the Australian Inventory of Chemical Substances (AICS).
- 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** Recommended as a structural steel fire protectant. The manufacturer reports that the ingredients in this product are listed on the Australia Inventory of Chemical Substances (AICS).

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

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## 16. OTHER INFORMATION cont.

powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

### ABBREVIATIONS:

mg/m<sup>3</sup> - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

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.

### 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.

### 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.

COLOUR RATING SYSTEM: RMT has assigned all Chem Alert reports a colour rating of Green, Amber or Red for the sole 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.

While all due care has been taken by RMT in the preparation of the Colour Rating System, it is intended as a guide only and RMT does not provide any warranty in relation to the accuracy of the Colour Rating System. As far as is lawfully possible, RMT accepts no liability or responsibility whatsoever for the actions or omissions of any person in reliance on the Colour Rating System.

**Report Reviewed** 17th May 2006

**Date Printed** 22nd May 2006

**Report Status** Chem Alert reports are compiled as an independent source of information by RMT's scientific department. The information is based on the latest chemical and toxicological research, and in compliance with relevant standards, guidance notes and legislation (where applicable). The Chem Alert report is not intended as a replacement to the manufacturer's original MSDS that is provided to Chem Alert subscribers for 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.

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