

Chem Alert Report

Manufacturer's Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name IBS

Synonyms FYREGUARD IBS, IBS BACKING ROD, IBS F, SI - MANUFACTURER'S CODE.

Uses FIRE RATED JOINT SEALANT.

Supplier Name PROMAT AUSTRALIA PTY LTD

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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.
POLYURETHANE POLYMER		<25%	Not Available
ACRYLIC RESIN		<25%	Not Available
ALUMINIUM SILICATE	Al ₂ O ₅ -Si	<25%	12141-46-7
BORATES		<5%	Not Available
SILICON DIOXIDE		<25%	Not Available

4. FIRST AID MEASURES

Eye Flush gently with running water. Seek medical attention.

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

Skin Gently flush affected areas with water.

Ingestion Ingestion is considered unlikely.

Advice To Doctor Treat patients symptomatically.

5. FIRE FIGHTING MEASURES

Flammability Non flammable. No fire or explosion hazard exists.

Fire and Explosion Non flammable. No fire or explosion hazard exists.

Extinguishing Non flammable.

Hazchem Code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage Collect and reuse where possible. Avoid generating dust. If dust is generated wear cotton/leather gloves, dust-proof goggles and a Class P1 (Particulate) respirator.

Colour Rating
GREEN

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 area, removed from moisture, oxidising agents, acids and foodstuffs. Ensure packages/materials are adequately labelled, protected from physical damage and sealed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Use with adequate natural ventilation. If sanding, drilling or cutting, use appropriate local extraction ventilation. Maintain dust levels below the recommended exposure standard.

Exposure Standards POLYURETHANE POLYMER (Not Available)
TWA : 0.02 mg/m3 Isocyanate monomer
STEL : 0.07 mg/m3 Isocyanate monomer

ALUMINIUM SILICATE (12141-46-7)
TWA : 10 mg/m3 (total dust)

PPE No personal protective equipment is normally required. If cutting or sanding with potential for dust generation, wear coveralls, dust-proof goggles, a Class P1 (Particulate) Respirator and leather or cotton gloves.

NO PPE REQUIRED

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: GREEN FLEXIBLE FOAM
Odour: ODOURLESS
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): INSOLUBLE
Specific Gravity: NOT AVAILABLE
% 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. nitric acid).

Decomposition Products May evolve toxic gases if heated to decomposition.

Colour Rating
GREEN

11. TOXICOLOGICAL INFORMATION

- Health Hazard Summary** Low toxicity. Under normal conditions of use this product is not anticipated to present a hazard unless it is drilled or cut with dust generation. Use safe work practices to avoid dust generation and inhalation.
- Eye** Not applicable. This product may only present a hazard if it is cut, drilled or sanded with dust generation, which may result in irritation and lacrimation.
- Inhalation** Not applicable. An inhalation hazard is not anticipated unless this material is cut, drilled or sanded with dust generation, which may result in mucous membrane irritation of the upper respiratory tract with over exposure.
- Skin** Not applicable. If dust is generated, prolonged exposure may result in irritation, itching, redness, rash and possible dermatitis.
- Ingestion** Not applicable. Due to product form, ingestion is not considered a potential exposure route.

12. ECOLOGICAL INFORMATION

- Environment** This product is not anticipated to cause adverse effects to animal or plant life if released to the 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** Reuse where possible. Product can be sent to an approved landfill, however advise landfill operator material must not be burnt or heated as may evolve toxic gases.
- 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** The manufacturer reports that the ingredients in this product are 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 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.

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**Colour
Rating
GREEN**