

Material Safety Data Sheet

CS: 1.4.21

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Infosafe No™ 1HAUK	Issue Date :September 2009	ISSUED by HAYMES	CS: 1.4.21
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Product Name **SEALER BINDER**

Classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name	HAYMES PAINT
Address	P.O Box 167 WENDOUREE VICTORIA 3355 Australia
Tel/Fax	Tel: 03 5342 6200

IDENTIFICATION

Product Code	SB
Product Name	SEALER BINDER
Proper Shipping Name	PAINT
UN Number	1263
DG Class	3
Packing Group	III
Hazchem Code	3[Y] (ADG6) *3Y (ADG
Poisons Schedule	S5
Product Use	Sealer for sealing porous surfaces such as plaster, masonry.

Physical Data

Appearance	White viscous liquid.
Boiling Point	146-197°C Mineral turpentine
Vapour Pressure	3.2 mm Hg (mineral turpentine)
Specific Gravity	1.21
Flash Point	Approximately 33°C (mineral turpentine)
Flamm. Limit LEL	Not determined (see below @ **)

Other Properties

Volatile Component	34% - 37%
Vapour Density	Approx. 4.5 Mineral turpentine
Form	Liquid
Other Information	Immiscible with water. ** FLAMMABILITY LIMITS Mineral turpentine White Spirit
	LFL 1.0% 0.7%
	UFL 7.5 % 6.5%

Ingredients

Ingredients	Name	CAS	Proportion
	White spirits	8052-41-3	10-30 %
	C.I. Pigment White 6.	13463-67-7	10-30 %
	Non hazardous ingredients	PROPRIETARY	10-30 %
	Mineral turpentine	64742-88-7	10-30 %
	Alkyd resin	PROPRIETARY	10-25 %
	Other ingredients	mixture	0-1 %
Other Information	Product is a solvent borne sealer consisting of resin, pigment, extenders, driers and other non-hazardous proprietary ingredients. CAS Number may vary for similar named solvent depending on source.		

HEALTH HAZARD INFORMATION

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Health Effects

Acute - Swallowed	If swallowed may cause irritation of mouth, throat and digestive system. Amounts swallowed incidental to industrial handling are not likely to cause injury; however ingestion of larger amounts may cause harm. If aspirated (ie liquid enter lung), may cause lung damage due to chemical pneumonia, a condition caused by petroleum and petroleum-like solvents.
Acute - Eye	May cause slight eye irritation. Prolonged or repeated exposure to high concentrations of vapour may irritate eyes.
Acute - Skin	Repeated or prolonged skin contact may lead to irritation. Solvents in formulation may defat the skin. May cause dermatitis.
Acute - Inhaled	Prolonged or repeated exposure to high concentrations may irritate mucous membrane and respiratory tract.
Chronic	Repeated or prolonged skin contact may cause chronic dermatitis or aggravate an existing skin condition. Prolonged or repeated exposure to high vapour concentrations of solvents may result in signs and symptoms of central nervous system effects, eg headache, dizziness and eventually unconsciousness. Prolonged and repeated exposures to high concentration of mineral turpentine and white spirits have resulted in hearing loss in rats. Solvent abuse and noise interaction in the work environment may cause hearing loss. Repeated exposure effects the central nervous system.

First Aid

Swallowed	Do NOT induce vomiting. Give a glass of water. Obtain immediate medical assistance.
Eye	Wash with flowing water for 15 minutes. Seek medical attention if irritation persists.
Skin	Remove contaminated clothing and wash before re-use. Wash skin with water and soap. Do NOT use solvents.
Inhaled	If effects occur, remove to fresh air. If not breathing, apply resuscitation, eg. mouth-to-mouth. If breathing is difficult, oxygen can be given by a trained person. Call a doctor and/or transport to an emergency hospital.

Advice to Doctor

Advice to Doctor	The decision to induce vomiting should be made by a physician. If vomiting is induced, recommend use of endotracheal control.
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Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits	None established for this product. Workplace Exposure Standard (WES), as Time Weighted Average (TWA) for; Mineral turpentine: 480 mg/m3 White spirit: 790 mg/m3 Note; each of these standards are under review. This formulation also contains calcium sulfate (plaster), talc and titanium dioxide (C.I. Pigment White 6) all of which have a WES but as these solids are blended into the liquid sealer the exposure standards are not applicable.
Eng. Controls	Good general ventilation should be adequate for most operations. In some circumstances (eg, confined spaces, spray painting) explosion-proof local exhaust ventilation may be required. In absence of adequate ventilation wear an air-purifying (organic vapour) respirator.

Personal Protection

Protective Equip.	Wear clean body covering clothing and foot wear. Wear impervious gloves and safety glasses. In absence of adequate ventilation wear an air-purifying (organic vapour) respirator. Wash contaminated clothing before reuse. Exercise good work practices to avoid skin and eye contact. Wash hands thoroughly before eating, smoking, drinking or using toilet facilities.
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Flammability

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Fire Hazards Flammable.
Keep away from heat, sparks or naked flames. Do NOT smoke.
Use non-sparking tools and equipment.
Vapours may form explosive mixtures with air. Ensure adequate ventilation.

SAFE HANDLING INFORMATION

Storage and Transport

Handling Flammable. Vapours may form explosive mixtures with air. Keep all potential sources of ignition away from open containers. Use non-sparking tools and take precautions against static discharge. Keep containers closed when not in use. Use only in well-ventilated areas. In case of insufficient ventilation, use appropriate (organic vapour) respirator.

Storage and Transport Classified as a dangerous good for transport and storage.
Store in accordance with regulations for storage of dangerous goods.
Regulations for transport by sea or air may vary, check with relevant authority.
Class 3 Flammable liquids shall not to be loaded in the same vehicle with:

- Class 1 Explosives
- Class 2.1 Flammable gases (when both in bulk)
- Class 2.3 Poisonous gases
- Class 4.2 Spontaneously combustible substances
- Class 5.1 Oxidizing agents
- Class 5.2 Organic peroxides
- Class 7 Radioactive substances

Proper Shipping Name PAINT**EPG Number** 3C1**IERG Number** 14**Packaging Method** 3.8.3RT1

Spills and Disposal

Spills & Disposal Shut off all possible sources of ignition. Evacuate unprotected personnel from danger area. Contain using sand and earth - prevent runoff into drains and waterways.
Ensure adequate ventilation. Use non-sparking equipment.
For larger spills: Contain, take up with inert absorbent material (e.g. sand, soil) and place in secure labelled containers for disposal.
Dispose of in accordance with State and/or Local government regulations.

Fire/Explosion Hazard

Fire/Explos. Hazard Flammable. Vapours may form explosive mixtures with air. Keep all potential sources of ignition away from open containers. Keep containers closed when not in use. Burning product may emit toxic fumes and smoke. Wear self-contained breathing apparatus if risk of exposure to vapours or products of combustion. Keep containers exposed to heat, eg. fire, cooled with water spray to avoid rupture of containers.
Extinguishing Media: Use foam, dry chemical, carbon dioxide.

Hazardous Reaction Avoid oxidising agents.**Hazchem Code** 3[Y] (ADG6) *3Y (ADG)

OTHER INFORMATION

Toxicology No data available for this product.**Environ. Protection** Do not dispose of waste or excess materials to drains, sewers or waterways.

Risk Statement R10 Flammable.
R20 Harmful by inhalation.
R37 Irritating to respiratory system.
R65 Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness and cracking. R67: Vapours may cause drowsiness and dizziness.

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Safety Statement	S16 Keep away from sources of ignition - No smoking. S2 Keep out of reach of children. S23 Do not breathe gas/fumes/vapour/spray S24/25 Avoid contact with skin and eyes. S29 Do not empty into drains. S38 If insufficient ventilation, wear suitable respiratory equipment. S51 Use only in well ventilated areas. S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
Hazard Category	Harmful,Irritant
Manufacturers Advice	When surfaces, previously sealed with this sealer or similar sealers containing titanium dioxide and/or calcium sulfate and/or talc, are prepared by dry sanding or dry blasting techniques it is recommended that an air-purifying (dust) respirator be worn to control the inhalable dust concentrations to less than the recommended Workplace Exposure Standards published by Worksafe Australia (See reference below). For some operations local exhaust ventilation may be required to meet this level of control.
References	'Exposure Standards for Atmospheric Contaminants in the Occupational Environment', Worksafe Australia Standard, May 1990. (WES)

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