

Material Safety Data Sheet

CS: 1.4.21

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Infosafe No™ 1HAUM	Issue Date :September 2009	ISSUED by HAYMES	CS: 1.4.21
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Product Name **STAIN RESTRAIN**

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	SR
Product Name	STAIN RESTRAIN
Proper Shipping Name	PAINT
UN Number	1263
DG Class	3
Packing Group	II
Hazchem Code	2[Y]E (ADG6) *2YE (A
Poisons Schedule	Not Scheduled
Product Use	Alcohol based sealer/undercoat for sealing back water and tar based stains.

Physical Data

Appearance	Opaque liquid, with a characteristic odour, and a burning unpalatable taste.
Boiling Point	78°C
Vapour Pressure	42.8 mm @ 20°C
Specific Gravity	Approx: 0.8
Flash Point	13°C (Abel Method)
Flamm. Limit LEL	LFL, 3.5%; UEL, 19%.

Other Properties

Volatile Component	45%
Vapour Density	1.59
Form	Liquid
Other Information	Evaporation rate (n-butyl acetate = 100); 253. Partly soluble(alcohol) in water.

Ingredients

Ingredients	Name	CAS	Proportion
	Methylated Spirits	64-17-5	30-60 %
	Inorganic pigment/extender mixture	Not Hazard	10-30 %
	Natural gum	9000-14-0	10-30 %
	Additives	Not required	1-3 %
Other Information	Contains an acceptable volume of an approved denaturant.		

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed	Depending on quantity swallowed may cause headache, dizziness, dullness, gastric disorders and signs and symptoms of central nervous system depression. Ingestion of large quantities can cause death.
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Acute - Eye	May injure tissue. Moderately irritating causing redness. Vapour may cause eye irritation.
Acute - Skin	Moderately irritating to skin. May cause redness. Repeated or prolonged contact may lead to dermatitis.
Acute - Inhaled	Moderately irritating to the respiratory tract and mucous membranes. Inhalation of vapours may cause headaches, nausea and vomiting.
Chronic	Principal routes of exposure are usually by skin contact with the material and inhalation of vapour. Prolonged or continuous skin contact with the liquid may cause defatting with drying, cracking, irritation and dermatitis following. As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.

First Aid

Swallowed	Give water to drink. Never give anything by mouth to an unconscious person. Get immediate medical assistance. A decision to induce vomiting should be made by qualified medical personnel.
Eye	Wash eye with flowing water for at least 10 minutes. Seek medical attention promptly.
Skin	Wash affected areas with copious quantities of water. Remove contaminated clothes. If irritation persists seek medical advice.
Inhaled	If effects occur remove to fresh air. If not breathing commence resuscitation, eg mouth-to-mouth. If breathing difficult, oxygen can be given by a trained person. Call a doctor and/or transport to an emergency facility.
First Aid Facilities	If poisoning occurs, contact a doctor or Poisons Information Centre.

Advice to Doctor

Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits	Worksafe Exposure Standard (WES) for: Ethyl alcohol (ethanol) is 1000 p.p.m., T.W.A.. as published by Worksafe Australia, May 1990 T. W.A. - Time-weighted average exposure. The product also contains plaster, talc and titania, each of which has a WES, but these are bound into the paint and as such are not regarded as hazardous.
Eng. Controls	Use good general ventilation and/or explosion-proof local exhaust ventilation depending upon operations.

Personal Protection

Protective Equip.	Maintain atmospheric concentrations below exposure guidelines. Respiratory protection should not be needed under normal circumstances. Air supplied hood or preferably an air supplied or self-contained positive pressure breathing apparatus for conditions where high concentrations are anticipated eg confined spaces or an emergency situation. Use polyvinyl chloride or neoprene gloves. Use chemical goggles. If vapour irritates eyes use an approved full face respirator.
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Flammability

Fire Hazards	Highly flammable. Vapours may form explosive mixtures with air. Ensure adequate ventilation.
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SAFE HANDLING INFORMATION

Storage and Transport

Handling	Highly 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
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Storage and Transport

not in use. Use only in well-ventilated areas. In case of insufficient ventilation, use appropriate (organic vapour) respirator. Wear solvent resistant glove and eye protection to prevent skin and eye contact. Classified as a dangerous good for transport by road, rail, sea or air. State and/or Local government regulations are to be observed for storage and transport by road and rail. 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

Other Storage Info.

All electrical equipment and/or lighting used in proximity to ethanol storage and/or electrical process equipment used in any process using ethanol should be selected and installed in accordance with local statutory wiring rules and/or the relevant Australian Standards applicable.

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. Contain with sand or soil to prevent contamination of drains and waterways. Absorb or, if feasible, collect for disposal. Ventilate area well, especially if spilled indoors. Burn waste materials in an approved incinerator in accordance with State and/or Local government regulations.

Fire/Explosion Hazard**Fire/Explos. Hazard**

High hazard. Burns with a colourless flame. Vapour will form explosive mixtures with air. Vapour is heavier than air and may spread at ground level, hence ignition from remote sources possible. Use water to cool containers exposed to fire. Containers previously holding ethanol products must be de-gassed before entry or subjected to sources of ignition. Do not use compressed air for filling, discharging, mixing or handling product due to potential vapour hazard. All vessels must be earthed to avoid generation of static electricity charges when agitating or transferring the solvent.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or an alcohol stable foam.

Hazardous Reaction

Stable under normal conditions. Avoid exposure to heat and/or flame. Avoid oxidising agents. Avoid use of aluminium containers, as aluminium alcoholates may be formed. Combustion produces carbon dioxide and/or carbon monoxide depending upon conditions.

Hazardous polymerisation will not occur.

Hazchem Code

2[Y]E (ADG6) *2YE (A)

OTHER INFORMATION**Environ. Protection**

Avoid contaminating waterways. Partly miscible in water.

Risk Statement

R11 Highly flammable. R36 Irritating to eyes.

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

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Pkg. & Labelling

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S51 Use only in well ventilated areas.

Correct Shipping Name: PAINT

U.N.No; 1263

Class Label: Type 3

Packaging Method: 5.9.3, RT1

Package and label may need to comply with the Poison Acts or regulations of each state or territory.

Hazard Category

Irritant, Highly Flammable

References

'Standard for the Uniform Scheduling of Drugs and Poisons' National Health and Medical Research Council as amended.

'Exposure Standards for Atmospheric Contaminants in the Occupational Environment' Worksafe Australia Standard, May 1990.

CONTACT POINT

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