

MATERIAL SAFETY DATA SHEET

Issue Date 27 Nov 2018

Record ID MSDS30

Creation Date 28 May 2009

Page 1

1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name Timber Glow XUV

Recommended Use Protective coating on timber and various other substrates

Company Name Huecoat Paint Co

Address P.O.Box 395, Pinjarra, Western Australia 6208

Emergency Telephone No (614) 199 31064

Telephone No (618) 9409 9948

2 HAZARDS IDENTIFICATION

Hazard Classification HAZARDOUS SUBSTANCE
NON-DANGEROUS GOODS

Hazard classification according to NOHSC criteria.
DG classification according to the Australian DG code

Risk Phrases R43 May cause sensitization by skin contact
S23 Do not breathe spray or vapour

Safety Phrases S24 Avoid contact with skin. Avoid contact with eyes
S28 After contact with skin, wash immediately with plenty of soap and water
S36 Wear suitable protective clothing and gloves

3 COMPOSITION /INFORMATION ON INGREDIENTS

| | Name | CAS Number | Proportion |
|-------------|----------------|----------------|------------|
| Component 1 | Resin | none allocated | 50 - 60% |
| Component 2 | Mineral Filler | none allocated | <1% |
| Component 3 | Solvent | mixture | <3% |
| Component 4 | Thickener | mixture | 0 - 3% |
| Component 5 | Pigment | | 1 - 10% |
| Component 6 | Water | 7732-18-5 | to 100% |

4 FIRST AID MEASURES

Inhaled Keep patient calm and remove to fresh air.
Keep at rest and warm. If symptoms persist seek medical attention.

Swallowed Immediately rinse mouth thoroughly with water. Give plenty of water to drink. Do NOT induce vomiting. Seek medical assistance

Skin Wash off with soap and water. If irritation develops seek medical attention.

Eye Flush off with copious quantities of water for 15 minutes with eyelids held open. If irritation persists, seek medical attention

First Aid Facilities Ensure eye wash bath and safety shower are readily available

Advice to Doctor Treat according to symptoms

Other Information For advice in an emergency, contact a poisons information centre (Phone 13 11 26 in Australia) or a doctor

MATERIAL SAFETY DATA SHEET

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Record ID MSDS30

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Page 2

5 FIREFIGHTING MEASURES

Suitable Extinguishing Media Water spray, water fog, foam, carbon dioxide and dry chemical powder. No known fire or explosion hazards.

Hazards from Combustion products Under fire conditions the product may emit toxic fumes including carbon monoxide and carbon dioxide as well as trace amounts of acrylic monomers, oxides of sulphur and of nitrogen

Specific Hazards This product is not combustible. However, under fire conditions, following the evaporation of the aqueous component, the organic components may decompose and/or burn.

Precautions in connection with fire Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes and products of combustion. Water spray may be used to cool down heat-exposed containers.

6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures Slippery when spilled. Avoid accidents, clean up immediately. Wear appropriate personal protective equipment and clothing to minimise exposure. If possible contain the spill, prevent run-off into drains and waterways. Place inert absorbent material onto spillage. Collect and place in labelled containers. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations. Disposal should be in accordance with the relevant local, state and federal government regulations.

7 HANDLING AND STORAGE

Precautions for safe Handling Wear appropriate protective clothing and equipment to prevent inhalation, skin and eye contact. Use in designated areas with adequate ventilation. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities. When using do not eat, drink or smoke. Prevent the creation of vapour or mist in the work atmosphere. *Keep containers closed when not in use.*

Storage Store in a cool, dry well-ventilated area away from incompatible materials, such as strong acids and oxidizing agents. Protect from freezing. Keep the containers tightly sealed when not in use, and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for the mixture by the National Occupational Health & Safety Commission (NOHSC), Australia. However, over-exposure to some chemicals may result in adverse effects on health or aggravation of pre-existing medical conditions and/or allergic reactions and should be kept to the lowest possible levels.

The available exposure limits for ingredients are listed below:

National Occupational Health And Safety Commission (NOHSC), Australia
Exposure Standards:

| Substance | TWA | STEL | NOTICES | | |
|--|-------------------|------|-------------------|---|---|
| ppm | mg/m ³ | ppm | mg/m ³ | | |
| Propylene glycol vapour and particulates | | 150 | 474 | - | - |
| particulates only | | - | 10 | - | - |

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

MATERIAL SAFETY DATA SHEET

Issue Date 27 Nov 2018

Record ID MSDS30

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Page 3

Biological Limit Values No biological limit allocated

Engineering Controls Use with good ventilation to keep the airborne concentrations as low as possible. Where vapours or mists are generated in a confined space, a local exhaust ventilation system, drawing the vapours/mists away from workers' breathing zone, should be used.

Respiratory Protection Normally not required, however if engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour/mist filter should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection Safety glasses with side shields or goggles as appropriate should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for

Hand Protection Use chemical resistant gloves, eg. laminated film or nitrile. Avoid gloves made of natural latex. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1:

Body Protection Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|-------------------------|
| Appearance | Creamy, coloured liquid |
| Odour | Mild odour |
| Boiling Point | 100°C |
| Melting Point | 0°C |
| Solubility in water | Soluble |
| Specific Gravity | 1.08 |
| pH value | 8.6 |
| Vapour Pressure | 17mgHg @ 20°C |
| Vapour Density | 17mgHg @ 20°C |
| Evaporation Rate | |
| Colour | Various in brown range |
| Flashpoint | n/a |
| Flammability Limits | n/a |

MATERIAL SAFETY DATA SHEET

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Page 4

10 STABILITY AND REACTIVITY

| | |
|---|---|
| Chemical Stability | Stable under normal conditions of storage and handling |
| Incompatible Materials | Oxidising agents and strong acids. |
| Hazardous Decomposition Products | Under fire conditions the product may emit toxic fumes including carbon monoxide and carbon dioxide as well as trace amounts of acrylic monomers, oxides of sulphur and of nitrogen |
| Hazardous Polymerization | Will not occur |

11 TOXICOLOGICAL INFORMATION

| | |
|------------------------|--|
| Toxicology | Not available |
| Inhaled | Inhalation of product vapours in confined spaces may cause irritation of upper respiratory tract. |
| Swallowed | May cause gastric irritation |
| Skin | May cause sensitisation by skin contact. Extended contact may cause redness, itching and mild irritation |
| Eye | Safety glasses with side shields or goggles as appropriate should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications. |
| Chronic Effects | Not available |

12 ECOLOGICAL INFORMATION

| | |
|--------------------------------------|--|
| Ecotoxicity | Not available |
| Persistence Degradability | Not available |
| Bioaccumulative Potential | Not available |
| Environmental Protection | Avoid contaminating waterways. Do not discharge the product into drains or waterways |

13 DISPOSAL CONSIDERATIONS

| | |
|--------------------------------|--|
| Disposal Considerations | The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations. |
|--------------------------------|--|

MATERIAL SAFETY DATA SHEET

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Record ID MSDS30

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Page 5

14 TRANSPORT INFORMATION

Transport Information Road and Rail Transport:
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).
Marine Transport:
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Air Transport:
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15 REGULATORY INFORMATION

Regulatory Information Classified as Hazardous according to criteria of National Occupational Health Information & Safety Commission (NOHSC), Australia.
Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

Poisons Schedule Hazard Category S5
Irritant

AICS Australia All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or otherwise are in compliance with NICNAS requirements.

16 OTHER INFORMATION

Date of Preparation or last revision MSDS Reviewed: November 2018 ,
last revision supercedes : August 2009

Contact person/Point Emergency: Tel No: 0427 188 997

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