



Safety Data Sheet

according to WHS Regulations

Printing date 09.11.2017

Revision: 09.11.2017

1 Identification

Product Name: THOR BOND**Recommended Use of the Chemical and Restriction on Use:** Concrete bonding agent**Details of Manufacturer or Importer:**

The WDS Group Pty Ltd
1357 The Horsley Drive
Wetherill Park NSW 2164

Phone Number: +61 2 8788 8000**Emergency telephone number:** +61 2 8788 8000

2 Hazard(s) Identification

Hazardous Nature:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The substance is not classified according to the Globally Harmonised System (GHS).

Signal Word Void**Hazard Statements** Void

3 Composition and Information on Ingredients

Chemical Characterisation: Substances**CAS No. Description**

Water based dispersion of butadiene styrene copolymer

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion:

If swallowed, do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: This product may contain low levels of volatile organic compounds or ammonia which may evaporate during application and drying. May cause slight respiratory irritation.

Eye Contact: May cause temporary irritation.

Ingestion: May cause gastrointestinal irritation and nausea.

5 Fire Fighting Measures

Suitable Extinguishing Media: Water spray or fog, foam, carbon dioxide or dry chemical powder.

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Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon and nitrogen, fumes and smoke.

The product is water based and is not combustible. However, polymer will burn in a general fire once all the water has been driven off.

Water spray may be used to keep fire exposed containers cool.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, safety glasses, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. This product may contain low levels of volatile organic compounds or ammonia which may evaporate during application and drying. Avoid inhaling these fumes.

Food, beverages and tobacco products should not be stored or consumed where this material is in use.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep in original container tightly closed when not in use. Protect from direct sunlight. Store at temperatures between 5°C and 35°C. Do not use storage vessels or pipe work made of aluminium, copper or their alloys. Bulk tanks should be regularly cleaned and sterilised.

8 Exposure Controls and Personal Protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls:

Provide good general ventilation in the workplace. Where the product is dried or sprayed, local extraction is recommended.

Respiratory Protection:

If spraying product without local exhaust ventilation, wear respiratory protection. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards

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the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Liquid
Colour:	White
Odour:	Ester-like
Odour Threshold:	Not determined.
pH-Value:	9-11
Melting point/freezing point:	Not determined
Initial Boiling Point/Boiling Range:	Not determined
Flash Point:	Not applicable
Flammability:	No information available
Auto-ignition Temperature:	Not applicable
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapour Pressure at 20 °C:	~23 hPa
Relative Density:	0.9 - 1.1
Vapour Density:	Not determined.
Evaporation Rate:	Not determined.
Solubility in Water:	Insoluble but miscible in all proportions.
Viscosity:	30 - 150 mPa.s (Dynamic)

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: Extreme temperatures and direct sunlight.

Incompatible Materials: Aluminium, copper or their alloys.

Hazardous Decomposition Products: Oxides of carbon and nitrogen, fumes and smoke.

11 Toxicological Information

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification: No information available

Acute Health Effects**Inhalation:**

This product may contain low levels of volatile organic compounds or ammonia which may evaporate during application and drying. May cause slight respiratory irritation.

Skin: No adverse health effects expected.

Eye: Direct eye contact may cause temporary irritation.

Ingestion: May cause gastrointestinal irritation and nausea.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

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Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: Repeated or prolonged skin exposure may cause irritation.

Existing Conditions Aggravated by Exposure: No information available

Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological Information

Ecotoxicity: No information available

Aquatic toxicity: No information available

Persistence and Degradability:

The product can be virtually eliminated from water by abiotic processes, e.g. adsorption onto activated sludge. DOC elimination after 2 days - 98%

Bioaccumulative Potential: No evidence for bioaccumulation.

Mobility in Soil: No information available

Other adverse effects: No information available

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number Not regulated

Proper Shipping Name Not regulated

Dangerous Goods Class Not regulated

Packing Group: Not regulated

15 Regulatory Information

Australian Inventory of Chemical Substances: This product contains no hazardous ingredients.

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Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:
Not Scheduled.

16 Other Information

Date of Preparation or Last Revision: 09.11.2017**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC₅₀: Lethal concentration, 50 percentLD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

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