

MATERIAL SAFETY DATA SHEET

This MSDS is a transcript of the manufacturers MSDS prepared by:

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(Minor additions and notes by James Hardie shown in italics)

1. Identification of Material

Product Name: **JAMES HARDIE TOP COAT**

Other names: n.a

Recommended uses: Finishing coating

2. Hazards Identification

Hazard Classification

This product is **hazardous** according to the criteria of the NOHSC. Ingredients are listed on the AICS.

Not DG Substance.

Not a Scheduled Poison.

Risk Phrases

R 36/37/38 Irritating to eyes, respiratory system and skin.

R 66 Repeated exposures may cause skin dryness and cracking.

Safety Phrases

S 24/25 Avoid contact with skin and eyes,

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 28 After contact with skin wash immediately with plenty of soap-suds.

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

3. Composition/Information on Ingredients

Chemical Identity

Calcium Carbonate

Ammonia Solution

Ingredients which have been determined to be non-hazardous or below cut off values

Proportion

30 - 60%

trace

to 100%

CAS No.

1317-65-3

1336-21-6

NA

4. First Aid Measures

4.1 Symptoms of Exposure by Route

SWALLOWED

Minor amounts ingested incidental to normal handling will have little or no effect. Larger amounts deliberately ingested will cause nausea, vomiting and stomach discomfort.

EYE

Will cause minor to moderate eye irritation.

SKIN

May cause minor irritation. Should be promptly removed by washing with soap and water.

INHALED

Dust may cause slight irritation to upper respiratory tract.

4.2 First Aid Instructions

SWALLOWED

Do not induce vomiting.

Rinse mouth clear with water and give two glasses to drink. If patient involuntarily vomits encourage to lean forward to avoid aspirating. If symptoms persist seek prompt medical help.

EYE

Immediately: Hold eye open and flush with clean water for at least 15 minutes. While flushing, gently pull upper and lower eyelids away from eyes and ensure carefully flushed. If symptoms persist seek prompt medical attention.

SKIN

Remove contaminated clothing and footwear (while under safety shower if appropriate). Flush affected area with water for 3-5 minutes followed by washing gently with soap and water for a further 5 minutes. Rinse well and pat dry. If symptoms persist seek prompt medical attention.

INHALED

Remove patient (while wearing SCBA if concentrations are high) to fresh air. Allow to rest. Rinse mouth and nose with water.

Provide artificial respiration if breathing stops. Seek prompt medical attention unless recovery is virtually immediate.

FIRST AID FACILITIES

Provide normal industrial first aid facilities including eye-wash stations and safety showers as appropriate.

Notes to Physician (for symptoms of over-exposure to this product see above)

Possible symptoms of Chronic Health Effects

Prolonged or repeated skin exposure may lead to drying and cracking of the skin.

Possible aggravated pre-existing conditions

None reported.

Suggested treatment for acute symptoms, known antidotes

Provide supportive care and treatment based on the patient's reaction to the exposure. For further information contact the:

POISONS INFORMATION CENTRE 13 11 26 in all States (New Zealand dial 0800 764 766)

5. Fire Fighting Measures

5.1 Flammability and Explosion Hazards

Product is non-flammable as sold

5.2 Hazardous Combustion Products

CO_x and NO_x

5.3 Suitable Extinguishing Media

Select to suit surrounding fires or use water as fine spray or fog. Use water as fine spray to keep containers cool.

HAZCHEM Code: Not allocated

5.4 Precautions for Fire Fighters and Special Equipment

Wear SCBA and full turn out clothing. Avoid bodily contact with substance or run-off.

6. Accidental Release Measures

6.1 Emergency Procedures – Spills and Leaks (See Section 13 for disposal considerations)

Prevent material entering drains or waterways. Send unnecessary personnel out of area. Wear full protective clothing including rubber boots and dust mask if is dry and involves small amounts only (For large dry or wet spill use respirator).

Wet Spill: Spread sand, soil or other inert absorbent over the pool. When saturated collect into metal or plastic drums or pails. Fit lids, label and place containers in a safe area to await disposal according to local regulations for non-hazardous chemical wastes.

7. Handling and Storage

7.1 Handling Advice

Wear suitable protective clothing.

7.2 Storage Advice

Store in a cool, dry and well-ventilated area. Keep containers closed when not in use. Requirements under the ADG Code do not apply to this product

8. Exposure Controls/ Personal Protection

8.1 Exposure Standards

An exposure standard has not been set by the NOHSC for this product. Calcium Carbonate is not available unless dried coat is sanded, sawn or ground creating dusts.

Substance	TWA	STEL
Calcium Carbonate	10 mg/m ³	n.all.

8.2 Engineering Control Methods

If used out doors natural ventilation is normally adequate. If used in enclosed spaces with poor ventilation provide mechanical ventilation/*dust extraction equipment that will ensure the workplace is kept below the TWAs established.*

8.3 Personal Protective Equipment

Respiratory Protection

Not usually required. If vapour concentration is uncomfortably high use respirator fitted with an organic vapour filter to AS 1715 & 1716. Use SCBA in confined spaces. If sanding, grinding or sawing large areas of dried product use painters disposable mask or particulate respirator to AS1715 & 1716.

Eye Protection

Not normally required. If mists or splashes are likely wear safety goggles or full face shield to AS 1337.

Gloves

When applying wear rubber, PVA or neoprene gloves to AS 2161.

Clothing

Wear cotton or Tyvec coveralls fastened at the neck and wrist. Supplement with a rubber or PVA apron if required.

9. Physical and Chemical Properties

Appearance:	Light Pink paste
Odour:	Faint ammonia
Freezing/	
Melting Point:	n.d.
Boiling Point:	n.a.
Density:	1.65 (estimated)
Vapour Pressure:	n.d.
Solubility in water:	insoluble (miscible)
Volatiles Percent:	n.d.
Flash Point:	n.a.
Flammability Limits:	n.a.
Auto Ignition Point:	n.a.

Other Properties: Calcium carbonate content is not available as dust unless dried product is sawn, ground or sanded.

10. Stability and Reactivity

Under all normal circumstances of use the product is stable.

11. Toxicological Information

No product specific data found.

12. Ecological Consideration

No product specific data found.

13. Disposal Considerations

Disposal must be in accordance with local regulations for hazardous wastes.

14. Transport Information

Requirements under the ADG Code do not apply to this product.

15. Regulatory Information

Label in accordance with the "National Code of Practice for the Labelling of Workplace Substance" [NOHSC: 2012 (1994)] with the Risk and Safety Phrases given on page 1 of this MSDS and the word "Hazardous". Labelling under the SUSDP or the ADG Code is not required.

16. Other Information

Date Prepared/Amended: 13/04/2006

New MSDS (Version 1.0) to comply with National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition NOHSC: 2011 (2003)

Data Sources used: in the preparation of this MSDS include: "Chempendium" and "MSDS plus Cheminfo" published in CD format by CCOHS Canada 2003 - 4. "TOMES" a CD database published by Micromedex, USA, "Hazardous Properties of Industrial Materials" Van Nostrand Reinhold NY, USA. "List of Designated Hazardous Substances" NOHSC 10005:1999, "National Exposure Standards" NOHSC 1003:1995.

Abbreviations used: n.d = not determined, n.a = not applicable, n.all = not allocated, SUSDP = Standard for the Uniform Scheduling of Drugs and Poisons, ADG = Australian Dangerous Goods Code, IATA = International Air Transport Association, (Dangerous Goods Regulations), IMDG = International Maritime Dangerous Goods (Code)

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James Hardie Topcoat is a Davco Construction Materials Pty Ltd product marketed by James Hardie Building Products, a division of James Hardie Australia Pty Limited. Expert advice is available from the following contacts at Davco Construction Materials Pty Ltd:

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