

Material Safety Data Sheet

Product Name **ELASTOFILL**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name SUPERIOR COATINGS AUSTRALIA
Address Factory 14, 8-9 Gabrielle Court, Bayswater North Victoria, 3153, AUSTRALIA
Telephone + 61 3 9761 7331
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Emergency + 61 3 9761 7331

Synonyms ELASTO FILL, SUPERIOR COATINGS ELASTOFILL.

Uses PAINT.

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA
NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	Conc.	CAS No.
MINERAL FILLERS		30 - 60%	Not Available
ACRYLIC COPOLYMER		30 - 60%	Not Available
WATER	H ₂ O	25%	7732-18-5
PIGMENT		<5%	Not Available
ADDITIVES		<5%	Not Available

4. FIRST AID MEASURES

- Eye** Flush gently with running water. Seek medical attention if irritation persists.
- Inhalation** If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.
- Skin** Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.
- Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor.
- Advice To Doctor** Treat symptomatically.

5. FIRE FIGHTING MEASURES

- Flammability** Non flammable. May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition. May also evolve nitrogen oxides when heated to decomposition. Once the water component of this product has evaporated, the residue may burn.
- Fire and Explosion** Non flammable. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire.

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5. FIRE FIGHTING MEASURES cont.

Use waterfog to cool intact containers and nearby storage areas.

Extinguishing Non flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

Hazchem Code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt (bulk), contact emergency services if appropriate. Wear splash-proof goggles, PVC/rubber gloves, a Type A (Organic vapour) respirator (where an inhalation risk exists), coveralls and rubber boots. Ventilate and clear area of all unprotected personnel. Eliminate potential ignition sources. Absorb spill with sand or similar, collect and place in sealable containers for disposal.

7. HANDLING AND STORAGE

Handling Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas (eg. if container is damaged).

Storage Store in cool, dry, well ventilated area, removed from oxidising agents, acids and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Do not store below 0 C. Also store removed from alkalis.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Use with adequate natural ventilation. Where vapour or mist generation is possible, mechanical extraction ventilation is recommended.

Exposure Standards An exposure standard (ES-TWA, ES-STEL, WES-TWA, ES-PEAK, ES-TLV) has not been allocated to the ingredients contained in this product.

PPE Wear splash-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear coveralls. Where an inhalation risk exists, wear a Type A (Organic vapour) Respirator. If spraying, wear a Type A-Class P1 (Organic vapour and Particulate) Respirator. If sanding dry product, wear a Class P1 (Particulate) Respirator.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: LIQUID
Odour: AMMONIACAL ODOUR
pH: 8 - 9

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9. PHYSICAL AND CHEMICAL PROPERTIES cont.

Vapour Pressure: 2.3 kPa @ 20 C
Vapour Density: NOT AVAILABLE
Boiling Point: > 100 C
Melting Point: 0 C
Evaporation Rate: NOT AVAILABLE
Solubility (water): SOLUBLE
Specific Gravity: 1.3
% Volatiles: 25 - 36 %
Flammability: NON FLAMMABLE
Flash Point: NOT RELEVANT
Upper Explosion Limit: NOT RELEVANT
Lower Explosion Limit: NOT RELEVANT
Autoignition Temperature: NOT AVAILABLE

10. STABILITY AND REACTIVITY

Reactivity Incompatible with oxidising agents (eg. peroxides) and acids (eg. hydrochloric acid). Also incompatible with strong alkalis (eg. sodium hydroxide).

Decomposition Products May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition. May also evolve nitrogen oxides when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary Low toxicity - low irritant. Use safe work practices to avoid eye or skin contact and vapour inhalation. Due to the low vapour pressure of this product an inhalation hazard is not anticipated under normal conditions.

Eye Low to moderate irritant. Exposure may result in irritation, pain and redness.

Inhalation Low irritant. Over exposure to mists or vapours (if sprayed) may result in mucous membrane irritation of the nose and throat with coughing. At high levels nausea, dizziness and headache. Low product vapour pressure (low volatility), considerably reduces the potential for an inhalation hazard.

Skin Low irritant. Prolonged and repeated contact may result in irritation, skin rash and dermatitis.

Ingestion Low toxicity. Ingestion may result in headache, nausea, vomiting, gastrointestinal irritation and diarrhoea.

12. ECOLOGICAL INFORMATION

Environment Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information if larger amounts are involved.

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13. DISPOSAL CONSIDERATIONS cont.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

Transport Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

UN Number None Allocated

DG Class None Allocated

Subsidiary Risk(s) None Allocated

Packing Group None Allocated

Hazchem Code None Allocated

15. REGULATORY INFORMATION

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

Poison Schedule A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

16. OTHER INFORMATION

Additional Information ACRYLIC - WATER BASED COMPOUNDS: It should be noted that most water based paints and acrylic or thermoplastic resins may contain small percentage of solvents, usually less than 5%. The solvent is used as a dispersion agent for the resin of choice. This solvent component may present potential respiratory hazards only in poorly ventilated areas or when sprayed. Those individuals with existing skin disorders should avoid direct contact.

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

COLOUR RATING SYSTEM: Chem Alert reports are assigned a colour rating of Green, Amber or Red for the purpose of providing users with a quick and easy means of determining the hazardous nature of a product. Safe handling recommendations are provided in all Chem Alert reports so as to clearly identify how users can control the hazards and thereby reduce the risk (or likelihood) of adverse effects. As a general guideline a Green colour rating indicates a low hazard, an Amber colour rating indicates a moderate hazard and a Red colour rating indicates a high hazard.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency

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16. OTHER INFORMATION cont.

and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

ABBREVIATIONS:

mg/m³ - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

M - moles per litre, a unit of concentration.

IARC - International Agency for Research on Cancer.

Report Reviewed 20th January 2006

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Report Status Chem Alert reports are compiled as an independent source of information by RMT's scientific department. The information is based on the latest chemical and toxicological research, and in compliance with relevant standards, guidance notes and legislation (where applicable). The Chem Alert report is not intended as a replacement to the manufacturer's original MSDS that is provided to Chem Alert subscribers for convenience. In many instances, Chem Alert reports are compiled on behalf of manufacturers, in which case they serve as the "Manufacturer's MSDS" and are clearly identified as such on the relevant reports.

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