Insulclad Fine Skim

Safety Data Sheet

Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product Identifier

Product Name	Insulclad Fine Skim
Synonyms	None

1.2 Uses and Uses Advised Against

Use(s)	a polymer modified cement based render that is one of the components of the Insulclad exterior insulated rendered wall system.

1.3 Details of the Supplier and the Product

Supplier Name	**Novatex Products Pty Ltd**
Address	118 Hassall St, Wetherill Park. NSW 2164 Australia
Telephone	(02) 97573525
Email	info@novatexproducts.com.au
Website	www.novatexproducts.com.au

1.4 Emergency Telephone Numbers

Emergency	0297573525 (7am to 5pm Monday to Friday EST)
Emergency (A/H)	13 11 26 (Poisons Information Centre)

Section 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

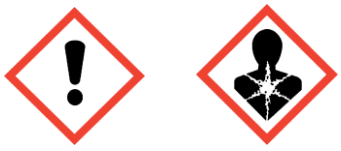
CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

GHS classification(s) Acute toxicity -Category 4
Specific Target Organ Systemic Toxicity (Repeated Exposure): Category 2

2.2 Label elements

Signal word **WARNING**

Pictogram(s)



Hazard statement(s)

H332	Harmful if inhaled
H373	May cause damage to organs through repeated exposure.

Prevention statement(s)

P260	Do not breath dust.
P271	Use only outdoors or in a well-ventilated area.

Response statement(s)

P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P314	Get medical attention/advice if you feel unwell

Storage statement(s)

P405	Store locked up.

Disposal statement(s)

P501	Dispose of contents/container in accordance with relevant regulations.

2.3 Other hazards

No information provided.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances / Mixtures

Ingredients	CAS Number	Content
Quartz (Crystalline Silica)	14808-60-7	50-70%
Portland Cement	65997-15-1	10-30%
Calcium Carbonate	471-34-1	<5%
Non-hazardous Ingredients	Not Available	Remainder

Ingredient Notes 1. Trace amounts of titanium dioxide may be present.

Section 4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

Inhalation If inhaled, remove from contaminated area to fresh air and keep at rest in a position comfortable for breathing. Apply artificial respiration if not breathing.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water (and soap if available). Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

Ingestion For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

First aid facilities Eye wash facilities and safety shower should be available.

4.2 Most important symptoms and effects, both acute and delayed

Prolonged and repeated exposure may cause skin dehydration and irritation skin conditions. Chronic over exposure to silica quartz dust may result in silicosis. Crystalline silica is classified as carcinogenic to humans (IARC Group 1). Titanium dioxide is classified as possibly carcinogenic to humans (IARC Group 2B)

4.3 Immediate medical attention and special treatment needed

Treat symptomatically.

Section 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture

Non-flammable. May evolve toxic gases if strongly heated

5.3 Advice for firefighters

No fire or explosion hazard exists.

5.4 Hazchem code

None allocated.

Section 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear Personal Protective Equipment (PPE) as detailed in section 8 of this SDS. Clear area of all unprotected personnel. Contact emergency services where appropriate.

6.2 Environmental precautions

Prevent product from entering drains and waterways.

6.3 Methods of cleaning up

Contain spillage, then collect and place in suitable containers for reuse or disposal.

6.4 Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

Section 7. HANDLING AND STORAGE

7.1 Precautions for safe 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.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, removed from moisture, incompatible substances and foodstuffs. Ensure packages are adequately labelled, protected from physical damage and sealed when not in use.

7.3 Specific end use(s)

No information provided.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m^3	ppm	mg/m^3
Quartz (respirable dust)	SWA (AUS)	-	0.1	-	-
Calcium Carbonate	SWA(AUS)	-	10	-	-

Biological limits

No biological limit values have been entered for this product.

8.2 Exposure controls

Engineering controls Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.

PPE

Eye / Face Wear safety glasses or dust-proof goggles when handling material to avoid contact with eyes.
Hands Wear PVC, rubber or cotton gloves when handling material to prevent skin contact.
Body Wear long sleeved shirt and full-length trousers.

Respiratory Where an inhalation risk exists wear a Class P1 (Particulate) respirator, dependent on a site specific risk assessment

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	WHITE POWDER	**Solubility (water)**	< 10 g/L
Odour	SLIGHT ODOUR	**Vapour pressure**	NOT AVAILABLE
Flammability	NON FLAMMABLE	**Upper explosion limit**	NOT RELEVANT
Flash point	NOT RELEVANT	**Lower explosion limit**	NOT RELEVANT
Boiling point	NOT AVAILABLE	**Partition coefficient**	NOT AVAILABLE
Melting point	> 1200°C	**Auto ignition temperature**	NOT AVAILABLE
Evaporation rate	NOT AVAILABLE	**Decomposition temperature**	NOT AVAILABLE
pH	11 to 13	**Viscosity**	NOT AVAILABLE
Vapour density	NOT AVAILABLE	**Explosive properties**	NOT AVAILABLE
Specific gravity	1.5 kg/l	Oxidising properties	NOT AVAILABLE
		Odour threshold	NOT AVAILABLE

9.2 Other information

Density 1500 kg/m³

Section 10. STABILITY AND REACTIVITY

10.1 Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

10.2 Chemical stability

Stable under recommended conditions of storage.

10.3 Possibility of hazardous reactions

Hazardous polymerization is not expected to occur.

10.4 Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources.

10.5 Incompatible materials

Incompatible with oxidising agents (e.g. hypochlorites), ethanol, acids (e.g. hydrofluoric acid) and interhalogens (e.g. chlorine trifluoride). Water contact may increase product temperature 2°C to 3°C.

10.6 Hazardous decomposition products

May evolve toxic gases if heated to decomposition.

Section 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	No known toxicity data is available for this product. Based on available data, the classification criteria are not met.
Skin	This product is not expected to be a skin hazard. Prolonged and repeated exposure may cause skin dehydration and irritation skin conditions.
Eye	Direct contact with eyes may cause temporary irritation through mechanical abrasion
Sensitization	This product is not classified as a skin or respiratory sensitiser.
Mutagenicity	Insufficient data available to classify as a mutagen
Carcinogenicity	This product contains crystalline silica which is classified as carcinogenic to humans (IARC Group 1), Some of the crystalline silica in the dust of the supplied product may be respirable. There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis and as such, preventing silicosis will also reduce the cancer risk. This product also contains titanium dioxide which is classified as possibly carcinogenic to humans (IARC Group 2B), however, due to trace amounts present the criteria for classification is not present.
R**eproductive**	Insufficient data available to classify as a reproductive toxin.
STOT - single exposure	Not classified
STOT – repeated exposure	Not classified.
Aspiration	This product is not expected to be an aspiration hazard.

Section 12. ECOLOGICAL INFORMATION

12.1 Toxicity

May be harmful to the aquatic environment due to the alkaline nature of the product. This product is non-toxic to aquatic organisms when present as a cured solid.

12.2 Persistence and degradability

Product is persistent and would have a low degradability

12.3 Bioaccumulative potential

This product is not expected to bioaccumulate.

12.4 Mobility in soil

A low mobility would be expected in a landfill situation.

12.5 Other adverse effects

Avoid contamination of drains and waterways.

Section 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste disposal	Reuse or recycle where possible. Alternatively, ensure product is covered with moist soil to prevent dust generation and dispose of to an approved landfill site. Contact the manufacturer/supplier for additional information (if required)
Legislation	Dispose of in accordance with relevant local legislation.

Section 14. TRANSPORTATION INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO	AIR TRANSPORT (IATA / ICAO
14.1 UN Number	None Allocated	None Allocated	None Allocated
14.2 Proper Shipping Name	None Allocated	None Allocated	None Allocated
14.3 Transport hazard class	None Allocated	None Allocated	None Allocated
14.4 Packing Group	None Allocated	None Allocated	None Allocated

14.5 Environmental hazards

No information provided

14.6 Special precautions for use

Hazchem code None Allocated

Section 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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

Classifications Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals

Inventory listing(s) AUSTRALIA: AICS (Australian Inventory of Chemical Substances)
All components are listed on AICS, or are exempt.
The components of this product are not classified as dangerous good.

Section 16. OTHER INFORMATION

Additional information

16.1 PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this 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.

16.2 HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency 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 ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

16.3 Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS #	Chemical Abstract Service number - used to uniquely identify chemical compounds
CNS	Central Nervous System
EC No.	European Community Number
GHS	Globally Harmonized System
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration, 50% / Median Lethal Concentration
LD50	Lethal Dose, 50% / Median Lethal Dose
mg/m³	Milligrams per Cubic Metre
OEL	Occupational Exposure Limit
pH	relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm	Parts Per Million
STEL	Short-Term Exposure Limit
STOT	RE Specific target organ toxicity (repeated exposure)
STOT	SE Specific target organ toxicity (single exposure)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons SWA Safe Work Australia
TLV	Threshold Limit Value
TWA	Time Weighted Average

16.4 Revision history

16.5 Report status

This document has been compiled by the manufacturer of the product and serves as their Safety Data Sheet ('SDS'). The information presented herein is based on data considered to be accurate as of the date of preparation of this SDS. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorisation given or implied to practice any patented invention without a licence. In addition, no responsibility can be assume by the vendor for any damage or injury resulting from abnormal use, without a risk assessment for safe use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the products.
This Safety Data Sheet (SDS) applies only to the formulated material as supplied by Novatex Products Cement. It does not apply where the formulation has been altered. In this case a new SDS may be required to reflect the modified material. Contact Novatex Products for further information.
Printed documents are uncontrolled. Refer to www.novatexproducts.com.au regularly for a more recent copy of the SDS where it exists.

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