



SAINT-GOBAIN CONSTRUCTION PRODUCT SOUTH AFRICA PTY LTD

MATERIAL SAFETY DATA SHEET

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COMPANY DETAILS

Name : Saint-Gobain Construction Products South Africa (Pty) Ltd - Isover division
Emergency No.

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1. PRODUCT AND COMPANY IDENTIFICATION

U THERMO MATT, U THERMO BOARD, U THERMO FELT, U THERMO PIPE

Trade Name

ULTIMATE, U Thermo

Chemical Family

High temperature resistant mineral wool

Chemical Name

Synonyms

ULTIMATE, High Performance Mineral Wool

Chemical Abstract No.

NIOSH No.

Hazchem Code :

UN no. : None

2. COMPOSITION

High temperature resistant mineral wool with thermosetting phenol / formaldehyde or thermosetting acrylic resin

Hazardous components

EEC Classification

R Phrases

3. HAZARD IDENTIFICATION

Main Hazard

Temporary mechanical irritation and itching on skin and eye contact. Temporary irritation of upper airways

Health Effects

Ingestion : None

Flammability

Non Flammable

Chemical hazard

Biological hazard

Inhalation, lungs, skin and eyes

Reproduction hazard

Eye effect: eyes: Rinse eye with clean tepid water for 10 minutes or until irritation ceases

Health effects – skin:

Wash gently with lukewarm water and soap.

Health effects – ingestion

None

Health effects – inhalation

None

Carcinogenicity

Meets the European exoneration criteria for any carcinogenicity classification (EUCEB certificate)

Mutagenicity**Neurotoxicity****4. FIRST AID MEASURES****Product in eye:**

Flush eyes with clean tepid water for 10 minutes or until irritation ceases.

Product on skin:

Wash gently with lukewarm water and soap

Product ingested:

None

Product inhaled

None

5. FIRE FIGHTING MEASURES**Extinguishing media**

Water, foam, carbon dioxide, dry powder.

Special hazards

None. Primary combustion products are carbon monoxide, hydrocarbons and water.

Protective clothing

Fire fighters entering an area where fibrous glass is present, must wear full protective gear, including eye and respiratory protection.

6. ACCIDENTAL RELEASE MEASURES**Containment Procedures**

This material will settle out of air. If concentrated on land, it can be scooped up for disposal as non hazardous waste.

Personal precautions

Isolate area. Keep unnecessary personnel away.

Environmental precautions

This material will sink and disperse along the bottom of waterways and ponds. It cannot easily be removed after it is waterborne, however the material is non hazardous in water.

Small spills

Use a vacuum cleaners

Large spills

Spray with water to suppress dust. Collect wet material with shovels or front-end loader.

7. HANDLING AND STORAGE**Suitable material****Handling / storage precautions**

Store and handle in a manner that prevents spread of airborne fibrous dust in the workplace.

Storage Procedures

Store product undercover and in dry conditions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Occupational exposure limits**

Recommended limited 2 fibres/ml air

Engineering control measures

Local exhaust ventilation with hood: or process enclosure to contain dust.

Personal protection – respiratory

FF1 Type respiratory protection mask

Personal protection – hand

Wear Gloves

Personal protection – eye

Wear safety glasses, goggles when working at or above shoulder height

Personal protection – skin

Normal work clothing is recommended. Use gloves. Skin irritation is known to occur chiefly at the pressure points such as around the neck, wrists, waist and between the fingers.

Other protection

N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fibrous insulation wool in rolls or batts
Odour	None
PH	6 – 10,5
Boiling point	Not applicable
Melting point	≥ 1000°C
Flash point	None
Flammability	None
Auto flammability	None
Explosive properties	None Known
Oxidizing properties	None
Physical State	Stable

Density	SG 2.5
Solubility (H2O)	Insoluble in water and chemical solvents
Freezing Point	Not applicable
10. STABILITY AND REACTIVITY	
Conditions to avoid Product is stable Incompatible materials None Known Hazardous decomposition products	
11. TOXICOLOGICAL INFORMATION	
Acute toxicity None Skin and eye contact Skin, eye and upper airway contact : Transient irritation Chronic toxicity Carcinogenicity Not described in man Chronic Study in Animals Component Carcinogenicity Mutagenicity Reproductive hazards	
12. ECOLOGICAL INFORMATION	
Aquatic toxicity – fish Aquatic toxicity – daphnia Aquatic – algae Biodegradability Dissolves slowly in physiological solutions : otherwise persistent Bio accumulation Mobility German wdk No known adverse environmental effects	
13. DISPOSAL CONSIDERATION	
Disposal methods Dispose of waste material in non toxic waste landfill. Handle so as to limit dust generation	

14. TRANSPORT INFORMATION

Un Known

None

Substance identity no.

ADR / RID class

ADR / RID item no.

ADR / RID hazard identity no

IMDG Shipping name

IMDG class

IMDG Packaging group

IMDG Marine pollutant

IMDG EMS no.

IMDG MFAG Table no.

IATA Shipping name

IATA class

IATA Subsidiary risk (s)

ADNR Class

UK Description

UK emergency action class

UK Classification

Tremcard no

Transport in closed packaging or container to limit escape of fibrous dust

15. REGULATORY INFORMATION

EEC Hazard classification

Risk phases

Safety phases

National legislation

South African Legislation: Occupational Health and Safety Act 85/1993.

Hazardous Chemical Substances Regulations – recommended occupational exposure limit 2 fibre / ml air

16. OTHER INFORMATION

There are no blowing agents in this range of products and therefore they have zero ODP (Ozone Depleting Potential).

ULTIMATE insulation products are safe when handled correctly

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

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