SAFETY DATA SHEET

PRODUCT NAME

DELTA PANELS MINERAL WOOL PANEL (MW)

- **DeltaCool™, DeltaSecretFix™, DeltaTrim™, DeltaOrb™, DeltaCorroCorro™ & DeltaDualCore™**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name	Delta Panels Pty Ltd
Address	731 Boundary Road, Richlands, Qld 4077
Telephone	(07) 32712170
E-mail	info@deltapanels.com
Emergency Number	000 Fire Brigade and Police – Australia Only
Office Number	(07) 32712170 - Office Hours 6am – 5pm
Poisons Information	13 11 26 – Australia Only

2. HAZARD IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS [1] ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

Un NO.	None Allocated
DG Class	None Allocated
Subsidiary Risk(s)	None Allocated
Packing Group	None Allocated
Hazchem Code	None Allocated

Other hazards

Use of high speed cutting tools can create dust

When heated to 200°C for the first time, release of binder components and binder decomposition products can occur which, in high concentrations, may irritate the eyes and respiratory system.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	CONTENT
CORE - consisting of:- - Man-made amorphous, non-crystalline vitreous silicate fiberized, bio-soluble rock [2] with alkaline oxide and alkali earth oxide content greater than 18% by weight - Bakelite, a synthetic thermosetting resin binder [3] - Refined mineral oil (for water repellency), or - Optional additional water repellency using silicone oil or silicon emulsion to meet BP specification requirements	RN 65997-17-3 25104-55-6 8012-95-1 n/a	>95-99% <5% <0.3% <0.5%
STEEL	25104-55-6	<2%
ADHESIVE GLUE	8012-95-1	<1%

Delta Panels Pty Ltd - ABN: 11 147 861 292
E: info@deltapanels.com W: www.deltapanels.com
Head Office: 731 Boundary Road, Richlands, Qld 4077 P: +61 07 3271 2170
Sydney Depot: 11 The Old Northern Road, Narellan, NSW 2567 P: +61 02 4611 7712

SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL

SAFETY DATA SHEET

DELTA PANELS MINERAL WOOL PANEL (MW)

- DeltaCool™, DeltaSecretFix™, DeltaTrim™, DeltaOrb™, DeltaCorroCorro™ & DeltaDualCore™

4. FIRST AID MEASURE

General Advice	Show this data sheet to the attending Doctor
Eye	Flush eyes with water Remove contact lenses Keep eye open while flushing Do not rub eyes If eye irritation continues, contact a specialist
Inhalation	If inhaled, move to fresh air Clean throat by rinsing with cold potable water Get medical attention if symptoms occur
Skin	If on skin or hair, rinse well with water and mild soap Do not rub or scratch If on clothes, remove clothes
Ingestion	Keep respiratory clear Never give anything by mouth to an unconscious person If symptoms persist call a Doctor Take victim immediately to hospital immediately

5. FIRE FIGHTING MEASURES

Flammability	It is non- combustible and non-flammable and does not pose a flame risk
Fire & Explosion	No fire or explosion hazard exists
Extinguishing	Prevent contamination of drains and waterways
Hazchem Code	None Allocated

6. ACCIDETAL RELEASE MEASURES

Spillage	If the panel is split, collect and reuse if possible Use personal protective equipment Avoid generating dust
Environment	No special precautions required spray with water prior to cleaning up

7. STORAGE AND HANDLING

Storage	Store in a cool, dry, well ventilated area Store away from moisture, oxidizing agents, acids and foodstuffs Ensure packaging is adequately labelled and protected from damage
Handling	Carefully read the product label No Smoking, drinking or eating while using the product Wash hands after use Use good personal hygiene

Delta Panels Pty Ltd - ABN: 11 147 861 292
E: info@deltapanels.com W: www.deltapanels.com
Head Office: 731 Boundary Road, Richlands, Qld 4077 P: +61 07 3271 2170
Sydney Depot: 11 The Old Northern Road, Narellan, NSW 2567 P: +61 02 4611 7712

SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL

SAFETY DATA SHEET

DELTA PANELS MINERAL WOOL PANEL (MW)

- DeltaCool™, DeltaSecretFix™, DeltaTrim™, DeltaOrb™, DeltaCorroCorro™ & DeltaDualCore™

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters	May be regarded as nuisance dusts Recommended to follow the National Occupational Exposure Standard (NEW) ASCC general guide to keep all occupational exposure to dust and other atmospheric contaminants to as low a level as is workably practicable.
Biological Limits	No biological limits allocated
Engineering Controls	Work practices should minimize the release of, and exposure to, fibers and/or dust. Avoid Inhalation, use in well ventilated areas If sanding, drilling or cutting use appropriate extraction ventilation
Ventilation	During most applications no special ventilation required If in a very dusty work environment or a confined working space then local exhaust ventilation should be provided if the dust level exceeds 2 mg/m3 TWA{4} of inspirable non-hazardous nuisance dust When heated to 200°C for the first time, release of binder components and binder decomposition products can occur which, in high concentrations, may irritate the eyes and respiratory system. There are no recorded incidents of respiratory sensitization from released gases
PPE	ye protection - Use dust resistant goggles conforming to AZ/NZ 1336 when sanding, drilling, or cutting Skin Protection - Loose comfortable clothing should be worn Avoid direct contact with skin by wearing long sleeve shirts, long trousers, caps and standard duty gloves conforming to AS 2161. Respiratory Protection - Class P1, P2 or N95 (Particulate) respirator are appropriate when sanding, drilling, or cutting Personal Hygiene – Washing facilities should be available on site to wash the skin and to treat any dust in the eyes Smoking – It's highly recommended that all storage and work areas are deemed non-smoking zones

Delta Panels Pty Ltd - ABN: 11 147 861 292
E: info@deltapanels.com W: www.deltapanels.com
Head Office: 731 Boundary Road, Richlands, Qld 4077 P: +61 07 3271 2170
Sydney Depot: 11 The Old Northern Road, Narellan, NSW 2567 P: +61 02 4611 7712

SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL

SAFETY DATA SHEET

DELTA PANELS MINERAL WOOL PANEL (MW)

- DeltaCool™, DeltaSecretFix™, DeltaTrim™, DeltaOrb™, DeltaCorroCorro™ & DeltaDualCore™

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid – inert grey-green/brown compressed fibers.
Odour	Odourless
Odor Threshold	Not Available
pH	Neutral or slightly alkaline (pH 7-9)
Vapour Pressure	Solid Material therefore not Applicable
Vapour Density	Solid Material therefore not Applicable
Boiling Point	Solid Material therefore not Applicable
Melting Point	Above 1000°C
Evaporation Rate	Solid Material therefore not Applicable
Autoignition Rate	Non-combustible
Partition Coefficient	Solid Material therefore not Applicable
Solubility (water)	Insoluble
Oxidising Properties	Non-Oxidising material, therefore not applicable
% Volatiles	<1%
Flammability	Non Flammable
Flash Point	Non-combustible
Upper Explosion Limit	Non-combustible
Lower Explosion Limit	Non-combustible
Decomposition Temp	When heated to 200°C for the first time, release of binder components and binder decomposition products can occur
Viscosity	Solid Material therefore not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended conditions of storage
Reactivity	Not reactive
Condition to Avoid	No specific conditions
Materials to Avoid	Acids alkalis or organic solvents may cause degeneration of resin binder
Hazardous Reaction	When heated to 200°C for the first time, release of binder components and binder decomposition products can occur

Delta Panels Pty Ltd - ABN: 11 147 861 292
E: info@deltapanels.com W: www.deltapanels.com
Head Office: 731 Boundary Road, Richlands, Qld 4077 P: +61 07 3271 2170
Sydney Depot: 11 The Old Northern Road, Narellan, NSW 2567 P: +61 02 4611 7712

SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL

SAFETY DATA SHEET

DELTA PANELS MINERAL WOOL PANEL (MW)

- DeltaCool™, DeltaSecretFix™, DeltaTrim™, DeltaOrb™, DeltaCorroCorro™ & DeltaDualCore™

11. TOXICOLOGICAL INFORMATION

Human Hazard	Low toxicity under normal conditions of use
Acute Toxicity	No acute toxicity
Corrosivity	No corrosivity
Sensitisation	No sensitisation
Repeat dose toxicity	No repeat dose toxicity
Carcinogenicity	Owing to their bio-solubility[2], the fibre types were assessed as free from suspicion of possible carcinogenic effects in October 2001 by the IARC and classified as Group # (not classified as to its carcinogenicity in humans)
Mutagenicity	No mutagenicity
Reproduction Toxicity	No toxicity for reproduction
Toxicity Data	Extensive research conducted of the past 50y ears on workers handling these fibres in numerous countries has shown that the inspirable and respirable size of the fibres are not harmful, having no long term health effects or respiratory effects. Toxicity test data is generally not available, but acute toxicity estimates as being very low with LD50>5000 mg/kg

12. ECOLOGICAL INFORMATION

Environment	This product is not classified as a hazardous air pollutant and not anticipated to cause adverse effects to the environment

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Reuse where possible.
Legislation	Place is plastic bags or containers and seal. Dispose of in accordance with relevant local legislation

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

Shipping Name	None Allocated
UN NO.	None Allocated
Packing Group	None Allocated
Poison Schedule No.	None Allocated
DG Class	None Allocated
Hazchem Code	None Allocated
Subsidiary Risks	None Allocated

Delta Panels Pty Ltd - ABN: 11 147 861 292
E: info@deltapanels.com W: www.deltapanels.com
Head Office: 731 Boundary Road, Richlands, Qld 4077 P: +61 07 3271 2170
Sydney Depot: 11 The Old Northern Road, Narellan, NSW 2567 P: +61 02 4611 7712

SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL

SAFETY DATA SHEET

DELTA PANELS MINERAL WOOL PANEL (MW)

- DeltaCool™, DeltaSecretFix™, DeltaTrim™, DeltaOrb™, DeltaCorroCorro™ & DeltaDualCore™

15. REGULATORY INFORMATION

Poison Schedule	No allocated code under SUSDP criteria
AICS	All chemical listed on the Australian Inventory of Chemical Substances

16. OTHER INFORMATION

Additional Information: Panel consists a mineral wool core enclosed in steel skins

Abbreviations:

ACGIH – American Conference of Industrial Hygienists
ADG – Australian Dangerous Goods
ASCC – Australian Safety and Compensation Council
BEI – Biological Exposure Indices
CAS# - Chemical Abstract Service Number
CNS – Central Nervous System
EC No – European Community Number
HSNO – Hazardous Substance and New Organisms
IARC – International Agency for Research on Cancer
Mg/m3 – Milligrams per cubic meters
NICNAS National Industrial Chemicals Notification and Assessment Scheme
NCC – National Construction Code
NOS – Not otherwise Specified
PDS – Product Data Sheet
pH – hydrogen ion concentrate
ppm – parts per million
RTECS – Registry of Toxic Effects of Chemical Substance
SDS – Safety Data Sheet
SWA – Safe Work Australia
TWA – Time Weighted Average

Disclaimer :

The information and recommendations contained in this publication are to the best of our knowledge, information and belief accurate at the date of publication. Nothing herein is to be constructed as a warranty, express or otherwise.

In all cases, it is the responsibility of the user to determine the applicability of such information and recommendations and the suitability of any product for its own particular purpose.

Delta Panels Pty Ltd - ABN: 11 147 861 292
E: info@deltapanels.com W: www.deltapanels.com
Head Office: 731 Boundary Road, Richlands, Qld 4077 P: +61 07 3271 2170
Sydney Depot: 11 The Old Northern Road, Narellan, NSW 2567 P: +61 02 4611 7712

SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL

SAFETY DATA SHEET

DELTA PANELS MINERAL WOOL PANEL (MW)

- DeltaCool™, DeltaSecretFix™, DeltaTrim™, DeltaOrb™, DeltaCorroCorro™ & DeltaDualCore™

17. OTHER INFORMATION - continued

Health Effects: The user should assess their risk based on several factors, including frequency and duration of use, effectiveness of control measures and PPE used

PPE Guideline: The recommendation for protective equipment contained within this Chem Alert is provided as a guide only. Prior to selecting PPE an assessment of the working environment, quantity used, product concentration and the availability of engineering controls need to be considered.

Notes: The following notes where shown in the text as [number] apply:-

[1] Based on new evidence from years of epidemiological studies and extensive animal inhalation experiments, in October 2001 the IARC, part of the World Health Organisation, reviewed and changed its previous 1987 classification of mineral wool fibres

[2] Does not cause tumors in long term animal inhalation studies (McConnell et al 1994)

[3] Traces (<0.1% by weight) of volatile original components of resin may remain in recently manufactured products

[4] TWA is the average airborne concentration of a particular substance over a normal eight-hour working day, for a five-day working week. According to current knowledge this concentration should not impair the health or cause undue discomfort to nearly all workers.

References:

AS/NZS 1336	Recommended practices for occupational eye protection
AS/NZS 1715	Selection, use and maintenance of respiratory protective devices
AS/NZS 1716	Respiratory protective devices
AS 2161	Industrial safety gloves (excluding electrical and medical gloves)

THE TRADEMARKS, DELTACOOL™, DELTASECRETFIX™, DELTATRIM™, DELTAORB™, DELTACORROCORRO™ & DELTADUALCORE™ ARE THE PROPERTY OF DELTA PANELS PTY LTD.

Delta Panels Pty Ltd - ABN: 11 147 861 292
E: info@deltapanels.com W: www.deltapanels.com
Head Office: 731 Boundary Road, Richlands, Qld 4077 P: +61 07 3271 2170
Sydney Depot: 11 The Old Northern Road, Narellan, NSW 2567 P: +61 02 4611 7712

SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL SCI QUAL INTERNATIONAL