

SAFETY DATA SHEET

PRODUCT NAME**DELTA PANELS MINERAL WOOL PANEL (MW)**

- DeltaCoolTM, DeltaSecretFixTM, DeltaTrimTM, DeltaOrbTM, DeltaCorroCorroTM & DeltaDualCoreTM

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@deltapanel.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 - ROCKWOOL® CONROCK, 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% |

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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 |
| Ingestion | If on clothes, remove clothes |
| | 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. ACCIDENTAL 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 |

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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/m ³ 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 | <u>eye protection</u> - Use dust resistant goggles conforming to AZ/NZ 1336 when sanding, drilling, or cutting <u>Skin Protection</u> - 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. <u>Respiratory Protection</u> - Class P1, P2 or N95 (Particulate) respirator are appropriate when sanding, drilling, or cutting <u>Personal Hygiene</u> – Washing facilities should be available on site to wash the skin and to treat any dust in the eyes <u>Smoking</u> – It's highly recommended that all storage and work areas are deemed non-smoking zones |

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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 |

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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 in 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 |

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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.

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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) |

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