

Material Safety Data Sheet

Issue date: January 2015

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Dry Medium Mica Flakes
Codes: MDM25, MDM50
Use: Educational, Decorative and Professional Painting.

Emergency number Mon-Fri 9am -5pm
Tel: +61 2 9736 2022

Manufacturer:
Derivan Pty. Ltd.
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AUSTRALIA
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2. HAZARDS IDENTIFICATION

Hazard Classification: Non-hazardous. Non-dangerous Goods.
According to the Criteria of NOHSC and the ADG Code.
Hazard Category: None allocated as non hazardous.
Risk Phrases: None allocated as non hazardous.
Safety Phrases: None allocated as non hazardous.
Warning Statement: No particular hazards associated with this product.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	PROPORTION	CAS NUMBER
Muscovite	> 90%	1318-94-1
Quartz	< 10%	14808-60-7

4. FIRST AID MEASURES

First Aid is not generally required. If in doubt, contact a poisons information centre (Aust. ph 131126 : NZ 0800 764 766) or a doctor.

Inhalation: Move to fresh air. If irritation persists seek medical attention.

Eyes: Flush with water. If irritation persists seek medical attention.

Skin: Wash affected area. If irritation persists seek medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water, give as much water as can be comfortably consumed. If irritation develops, seek medical attention.

ADVICE TO DOCTOR: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use water, dry chemical, carbon dioxide or foam.

Unusual Fire and Explosion Hazards: No particular fire and explosion hazards associated with this product.

Warning Statement: Not combustible.

Hazards from Combustion Products: Under fire conditions, smoke, fumes and dust may be generated.

Precautions for Fire Fighters and Special Protective Equipment: Breathing apparatus will be required to prevent exposure to vapours, fumes, or dust.

Hazchem Code: None allocated.

Flammability: This material is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Avoid contact with skin and eyes. Do not breathe dust. Material may be slippery when spilt. Walk cautiously.

Dangerous Goods - Not applicable.

Methods and Materials for Containment and Clean-up Procedures: In case of gross spillage wear protective equipment to prevent skin and eye contact. Vacuum, shovel, sweep or mop up. Avoid raising dust clouds. Dispose according to local and national regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid direct contact with eyes or prolonged contact skin. Wear appropriate protective equipment to prevent eye contact. Handle and use in accordance with good occupational hygiene and safety practice.

Conditions for Safe Storage: Store in an area that is cool, dry and out of direct sunlight with adequate ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards: No exposure standards are available for this product; however, the following exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) to the following components of the product:

QUARTZ
[TWA] 0.1 mg/m³

MICA
[TWA] 2.5 mg/m³

Biological Limit Values: Not known.

Engineering Controls: Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.

Personal Protection Equipment:

Eye/Face Protection: Safety glasses with side shields, goggles or full-face shield as appropriate are recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform to Australian/New Zealand Standard AS/NZS 1337

Respiratory Protection: Avoid breathing of vapours/mists; ensure adequate ventilation. Respiration is generally unnecessary. Where breathing apparatus is required, use either respirator with replaceable particulates filter, or a Self-Contained Breathing Apparatus (SCBA) with positive air supply. All breathing apparatus to comply with AS/NZS 1715/1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Powder.

Odour: Odourless.

Boiling Point: Not applicable.

Vapour Pressure: Not applicable.

Specific Gravity: 2.6

Flash Point: Non Allocated – Non Combustible.

Flammability Limits: Not applicable.

Solubility in Water: Insoluble.

pH: Not applicable.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal storage and handling conditions.

Hazardous Decomposition Products: None known.

Hazardous Reactions: Hazardous polymerization will not occur.

Incompatible Materials: None known.

Conditions to Avoid: None known.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

Acute Health Effects:

Ingested: May cause irritation to mouth, throat and stomach which may lead to nausea and vomiting.

Eye: May cause mechanical irritation.

Skin: May cause irritation to the skin on prolonged contact to individuals with sensitive skin.

Inhaled: May cause the drying and irritation of the respiratory tract. Acute aspiration may cause coughing, wheezing, shortness of breath and pulmonary edema.

Chronic Health Effects:

Repeated, prolonged or concentrated inhalation of fine dust may cause delayed lung injury. Breathing of fine dust may cause shortness of breath, and aggravate asthma and inflammatory or fibrotic pulmonary disease. Prolonged or repeated contact with the skin in the absence of proper hygiene may cause dryness and dermatitis. This product contains a small proportion of Respirable crystalline silica as quartz (<1%). Crystalline silica has been classified by the International Agency of Research on Cancer (IARC) as carcinogenic to humans by inhalation. Furthermore, crystalline silica can cause silicoses or other lung diseases on prolonged exposure.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not known.

Mobility: Not known.

Persistence / Degradability: Not known.

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of dry product to usual/household waste stream.

Container Handling and Disposal: When containers are empty, residue can be washed out and the containers disposed of via general/household recycling stream.

14. TRANSPORT INFORMATION

UN Number: None allocated

UN Proper Shipping Name: None allocated

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Road and Rail Transport (ADG): Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) for transport by road and rail.

Marine Transport (IMO/IMDG): Not classified as a Dangerous Good according to the International Maritime Organization Rules (Maritime Dangerous Goods Code - IMDG Code) for transport by sea.

Air Transport (ICAO-IATA): Not classified as a Dangerous Good according to the International Civil Aviation Organization (ICAO) and International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. Note: May vary from country to country.

15. REGULATORY INFORMATION

SUSDP: not scheduled

Inventory Status:

Australia (AICS) All ingredients are on the inventory or exempt from listing.

United States (TSCA) All ingredients are on the inventory or exempt from listing.

16. OTHER INFORMATION

Date of Preparation: 25.01.2015

Issue date: 27.01.2015

Reasons for Update: General update.

Key Legend Information:

NOHSC - National Occupational Health & Safety Commission

ADG Code - The Australian Dangerous Goods for the Transport of Dangerous Goods by Road and Rail, (ADG Code)

TWA - Time Weighted Average

STEL - Short Term Exposure Limit

EPA - Environmental Protection Agency

Principal References:

- The National Code of Practice for the Preparation of Material Safety Data Sheets, 2nd Edition
- NOHSC:2011(2003)
- Standard for the Uniform Scheduling of Drugs and Poisons No. 21 Effective date 1 June 2006
- National Exposure Standards for Atmospheric Contaminants in the Occupational Environment
- [NOHSC:1003(1995)]
- The Australian Dangerous Goods for the Transport of Dangerous Goods by Road and Rail, (ADG Code).

Disclaimer:

The above information is accurate to the best of the knowledge available to us. However, since data, safety standards and Government regulations are subject to change, and the conditions of handling and use (or misuse) are beyond our control, we make no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein AND disclaim all liability for reliance thereon. Users should satisfy themselves that they have all data relevant to their particular use.

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