

Material Safety Data Sheet

Issue date: January 2015

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Dry Medium Geraldton Crushed Garnet.
Codes: MDM25, MDM50
Use: Educational, Decorative and Professional Painting.

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

Manufacturer:
Derivan Pty. Ltd.
ABN 36 003 273 925
23 Leeds Street
Rhodes 2138
AUSTRALIA
Tel: +61 2 9736 2022
Fax: +61 2 9736 3637

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 |
|-------------------|------------|-------------|
| Almandine Garnet | > 99% | 1302-62-1 |
| Ilmenite | < 2% | 103170-28-1 |
| Calcium Carbonate | < 1.5% | 471-34-1 |
| Zircon | < 0.2% | 149040-68-2 |
| Free Quartz | < 0.5 | 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.

Eyes: Flush with water.

Skin: None.

ADVICE TO DOCTOR: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Non-flammable.

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

Warning Statement: Non-flammable.

Hazards from Combustion Products: Non-flammable.

Precautions for Fire Fighters and Special Protective Equipment: Non-flammable

Hazchem Code: None allocated.

Flammability: This material is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: None.

Dangerous Goods - Not applicable.

Methods and Materials for Containment and Clean-up Procedures: If possible, vacume the material to avoid generating unnecessary dust, otherwise sweep any spillages.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Handle and use in accordance with good occupational hygiene and safety practice.

Conditions for Safe Storage: No special precautions necessary.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards: Nuisance dust levels should be kept below 10 mg/m³. If this level is exceeded then respiratory protection is required.

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 dusts; ensure adequate ventilation. Respiration is generally unnecessary; unless working with spray applying. Where breathing apparatus is required, use either respirator, 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: Pink to red coloured free flowing sand.

Odour: Odourless.

Boiling Point: Not applicable.

Vapour Pressure: Not applicable.

Specific Gravity: 4.1

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.

Hazardous Reactions: None.

Incompatible Materials: None.

Conditions to Avoid: None.

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 due to abrasiveness.

Eye: Will cause irritation to the eyes, with direct contact.

Skin: None.

Inhaled: In extreme cases (due to lack of adequate ventilation) may cause irritation to the nose, throat and respiratory system due to abrasiveness.

Chronic Health Effects: None.

12. ECOLOGICAL INFORMATION

Ecotoxicity: None known.

Mobility: Not known.

Persistence / Degradability: Not known.

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

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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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