



**MPL Products**  
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## MATERIAL SAFETY DATA SHEET

### KWIK SEAL

#### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER : MPL Products, 26 Baddesley Way, Canning Vale, Western Australia 6155  
Contact no: +61 421837661 Email: [mplexim61@gmail.com](mailto:mplexim61@gmail.com)

PRODUCT NAME : KWIK SEAL - FINE, MEDIUM, COARSE  
PRODUCT USE : Lost Circulation Material for Water Based Mud.  
SYNONYMS : "NONE"

#### SECTION 2 - HAZARDS IDENTIFICATION

Main Hazards: May be an irritant to eyes, nose and throat. May contain traces of nuts that could affect anyone with a nut allergy.

Eyes : Dust particles may be an irritant.  
Skin : Dust particles may be an irritant.  
Inhalation : Dust particles may be an irritant.  
Ingestion : Dust particles may be an irritant. No adverse health effects are expected if accidentally swallowed in small amounts.

#### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Product is a blend of granular flakes and fibrous materials comprising nut hulls, wood, natural fibre, none of which are classified as hazardous.

Chemical Name	CAS Number	% by Weight
Mica	12001-26-2	70-100%
-	-	-

#### SECTION 4 - FIRST AID MEASURES

**Eyes:** Immediately flush eyes with saline fluid or clean water, removing contact lenses and lifting upper and lower eyelids to ensure thorough cleansing. Get medical attention if irritation persists or symptoms develop.

**Skin:** Wash affected area with water. Get medical attention if irritation persists.

**Inhalation:** Remove casualty to fresh air. Give artificial respiration if casualty is not breathing, or give oxygen if breathing is difficult. Get medical attention if irritation persists or if symptoms develop.

**Ingestion:** Rinse mouth out with clean water and give casualty water to drink at a comfortable rate in order to dilute chemical strength in the stomach, but only if fully conscious. Get medical attention if irritation persists or if symptoms develop.

**Additional:** A copy of this MSDS should be given to the person providing medical attention. Treat casualty according

**Comments:** Symptoms and monitor closely until fully recovered



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## **SECTION 5 - FIRE FIGHTING MEASURES**

### **EXTINGUISHING MEDIA**

- Water spray or fog.
- Foam. - Dry chemical powder.
- BCF (where regulations permit).
- Carbon dioxide.

### **FIRE FIGHTING**

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves.
- Prevent, by any means available, spillage from entering drains or water courses.
- Use water delivered as a fine spray to control fire and cool adjacent area.
- DO NOT approach containers suspected to be hot.
- Cool fire exposed containers with water spray from a protected location.
- If safe to do so, remove containers from path of fire.
- Equipment should be thoroughly decontaminated after use.

### **FIRE/EXPLOSION HAZARD**

Combustible. Will burn if ignited.

Avoid creating dust - may present dust explosion hazard. Dry dust can be electrostatically charged by turbulence, pneumatic transport, pouring, in exhaust ducts and during transport. Build-up of electrostatic charge may be prevented by grounding. Other combustion products include: carbon dioxide (CO<sub>2</sub>).

### **FIRE INCOMPATIBILITY**

- Avoid reaction with oxidising agents.

### **PERSONAL PROTECTION**

Glasses:

Not normally required.

## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

### **MINOR SPILLS**

- Remove all ignition sources.
- Clean up all spills immediately.
- Avoid contact with skin and eyes.
- Control personal contact by using protective equipment.
- Use dry clean up procedures and avoid generating dust.
- Place in a suitable labelled container for waste disposal.

### **MAJOR SPILLS**

No smoking, naked lights or ignition sources.

- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.
- Control personal contact by using protective equipment and dust respirator.
- Prevent spillage from entering drains, sewers or water courses.
- Recover product wherever possible. Avoid generating dust.
- Sweep / shovel up.
- If required, wet with water to prevent dusting.



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#### SECTION 7 - HANDLING AND STORAGE

Handling	Wear standard personal protective equipment and ensure area is well-ventilated. Avoid creating and inhaling dust particles.
Storage	Store in a dry location away from sources of ignition and ensure that packaging is maintained in accordance with good warehousing practices.

#### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls.	Use in a well-ventilated area and minimize airborne dust. An eye-wash station and safety shower should be located in the mixing and storage areas.
Eye and Face Protection.	Standard safety glasses are usually adequate. Wear safety goggles if airborne dust particles are a nuisance.
Hand Protection.	Standard work gloves are usually adequate. Wear chemical resistant gloves if skin is sensitive to the product.
Body Protection.	Standard coveralls are usually adequate for minimizing contact with skin.
Respiratory Protection.	A standard dust mask is usually adequate. Wear an approved respirator fitted with a dust filter if dust is a nuisance.
Additional Comments.	Long-term inhalation of dust particles of any material can cause chronic lung problems and diseases.

#### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

##### PHYSICAL PROPERTIES

Molecular Weight: Not applicable	Boiling Range (°C): Not applicable
Melting Range (°C): Not applicable	Specific Gravity (water =1): 0.9- 1.2
Solubility in water (g/L): Immiscible	pH (as supplied): Not applicable
pH (1% solution): Not applicable	Vapour Pressure (kPa): Not applicable
Volatile Component (%vol): Not applicable	Evaporation Rate: Not applicable
Relative Vapour Density (air=1): Not applicable	Flash Point (°C): Not applicable
Lower Explosive Limit (%): Not available	Upper Explosive Limit (%): Not available
Autoignition Temp (°C): Not available	Decomposition Temp (°C): Not available
State: Solid	Viscosity: Not available

##### APPEARANCE

Light brown granules, flakes and fibres with a mild odour; insoluble in water.

#### SECTION 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

Chemical Stability	Stable
Conditions to Avoid	None known
Chemicals to Avoid	None known
Hazardous Decomposition	Carbon Monoxide and Carbon Dioxide
Hazardous Polymerization	Not applicable

#### SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicity	Material is not classified as toxic, but long-term exposure may cause lung damage and an increased risk of lung cancer, due to the presence of crystalline silica quartz.
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Acute Toxicity Product is not toxic.  
Carcinogenicity None of the materials used in this product are identified as a carcinogen by the following bodies:  
IARC (International Agency for Research on Cancer)  
NTP (National Toxicology Program)  
OSHA (Occupational Safety and Health Administration)  
Reproductive Effects Not known to have reproductive effects on humans.

#### SECTION 12 - ECOLOGICAL INFORMATION

No data for KWIK SEAL All grade.

#### SECTION 13 - DISPOSAL CONSIDERATIONS

Product Dispose of waste material in accordance with regional procedures and regulations.  
Disposal.  
Packaging Disposal of empty packaging should be in accordance with regional procedures and regulations.  
Disposal.

#### SECTION 14 - TRANSPORTATION INFORMATION

The material is not classed as a hazardous material by leading international transportation regulatory bodies for road, rail, sea and air (US DOT, ARD/RID, IMDG, IATA, etc.) and is therefore not subject to international regulations and restrictions concerning the transportation of dangerous goods.

Shipping Name	Description	Reference	Hazard Class	Packing Group
-	-	-	-	-

#### SECTION 15 - REGULATORY INFORMATION

Labeling Information. The Hazard and Precautionary Statements below follow European labeling in accordance with EC Directives.  
Hazard Statements. May cause respiratory irritation (H335)  
Precautionary Statements. Avoid breathing dust (P261)

#### SECTION 16 - OTHER INFORMATION

Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any other processes. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy; reliability; or completeness. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer warranty against patent infringement.

MPL Products reserves the right to refuse shipment of this material to any consumer who fails to demonstrate the ability to consistently handle and use it safely and in compliance with all applicable laws, rules and regulations. Such demonstration may require on-site inspection of any or all storage, processing, packaging, and other handling systems that come in contact with it. Customers are responsible for compliance with local, state, and federal regulations that may be pertinent in the storage, application, and disposal of this product.