

Date of issue: 18 December 2017
Revised by: Simonne Moses - HSNO Consultant SDS No: 1

Safety Data Sheet Setting Compounds

Classified as: Hazardous according to the Hazardous Substances
(Minimum Degrees of Hazard) Regulations 2001.

Section 1: SUBSTANCE AND SUPPLIER DETAILS

Product Name: Setting Compounds
Alternate Name: Drywall Joint and Patching Compounds
Supplier: Manners Building Products
2E Rothwell Avenue, Rosedale
North Harbour
Auckland 0632
New Zealand
Phone: 09 415 7488
Recommended Use: Drywall Joint Compound – for finishing and repair
Emergency Contact Number: 021 628 57673

Section 2: HAZARDS IDENTIFICATION

Setting Compounds is not classified as a Dangerous Good for Transport.

Setting Compounds is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazards) Regulations 2001.

NOTE: The hazard information below relates to the dry powder. Additional eye and skin irritation hazards may occur when product is mixed with water.

Classified as a mixture under the Construction Products (Toxic 6.7A) Group Standard.

HSNO APPROVAL NUMBER: **HSR002545**

HSNO CLASSIFICATIONS: 6.7A – Known or presumed carcinogen
6.9B – Harmful to human target organs or systems

GHS Classification: Carcinogen - Category 1A
Systemic Target Organ Toxicant, repeated exposure - Category 2

Hazard Statements:

H350 May cause cancer (inhalation)
H373 May cause damage to organs (lungs, respiratory system) through prolonged or repeated exposure

GHS Pictograms:



DANGER

PREVENTION STATEMENTS:

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P260 – Do not breathe dust.
- P281 - Use personal protective equipment as required.

RESPONSE STATEMENTS:

- P308 + P313 - If exposed or concerned: Get medical advice/attention.
- P314 - Get medical advice/attention if you feel unwell.

STORAGE

P405 - Store locked up.

DISPOSAL

P501 - In accordance with the Hazardous Substances (Disposal) Regulations 2001. Refer to Section 13 of this SDS.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Main Component	CAS Number	Concentration
Crystalline Silica (as an impurity of other ingredients/constituents)	14808-60-7	<5 %

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: FIRST AID MEASURES

Workplace Facilities Required:

Eye wash facilities are required should be provided.

If Inhaled:

If exposed, remove affected person to fresh air. If breathing problems occur seek immediate medical attention.

In Contact with Eye:

As with any fine particulate matter, e.g. dust, sand, this product will cause eye irritation but is not a chemical eye irritant. Hold eyes open, flush with water. Seek medical attention if irritation persists.

In Contact with Skin:

Remove affected clothing and wash exposed skin with mild soap and water, followed by a warm water rinse. Avoid rubbing dry product on skin as this may cause abrasions.

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If Swallowed: DO NOT INDUCE VOMITING. Rinse mouth. Give small quantities of water. Never give anything by mouth to an unconscious person. Seek medical attention if affected person is suffering from persistent discomfort. If vomiting occurs, keep head below hips to prevent aspiration to lungs.

Advice to Doctor: Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Product is not flammable or combustible.

Suitable Extinguishing Media: Use extinguisher suitable for surrounding fire.

Precautions in Connection with Fire: Not reactive under normal conditions of use.

Advice for firefighters: Wear full firefighting gear and self-contained breathing apparatus.

Section 6: ACCIDENTAL RELEASE MEASURES

An emergency response plan is required under the Hazardous Substances (Emergency Management) Regulations 2001 when held in quantities greater than 1,000kg.

Precautions: Clear area of all unprotected personnel. Keep unnecessary and unprotected personnel from entering area. Ventilate area. Avoid release to the environment.

Suitable Protective Equipment: Emergency responders must use personal protective equipment, including gloves, protective overalls and footwear, safety goggles or face shield and respiratory protection.

Spill or Leak Procedures. Contain the spill. Avoid stirring up dust. Do not use dry sweeping or compressed air to clean spills. To allow for ease of clean up cover with non-combustible material such as sand or dry earth and transfer into containers. For small spills vacuum up excess with a vacuum fitted with a filter system that will prevent dust recirculation. For large spills, use a fine spray or mist to prevent dust creation and shovel into containers for reuse or disposal.

Waste Disposal Methods: Dispose of as per Section 13.

Emergency preparation: Ensure there is appropriate and adequate personal protective equipment, trained personnel and clean up materials for management of accidental release.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin and eyes. Avoid breathing dust. Use appropriate respirator if there is a risk of inhalation and inadequate ventilation. To clean work areas either use an appropriately equipped vacuum or wet cleaning methods.

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Hygiene: Do not eat drink or smoke when using this product. Remove contaminated clothing and wash hands and face before entering eating areas. Launder contaminated clothing before reuse. Do not take silica contaminated clothing home.

Storage: Keep containers tightly closed in a secured area. Store at ambient temperature and pressure.

Site Storage Requirements: Where more than 10kg is held, containers are required to be locked in a secure area when not in use.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards NZ: Crystalline Silica, respirable dust:
TWA 0.1mg/m³

Engineering Controls: Eyewash facilities and safety showers should be provided in the work area where there is a risk of exposure to eyes and skin. If use generates dust, use engineering controls such as local exhaust ventilation or process enclosures to ensure workers are not exposed to levels exceeding the exposure standards.

Personal Protective Equipment: Avoid contact with the skin and eyes. Avoid breathing dust.

Hand protection: Nitrile gloves are recommended. Refer to Australian and New Zealand Standard AS/NZS 2161 for protective gloves.

Skin and body protection: Use protective clothing if excessive exposure to dust is likely. Remove any contaminated clothing to avoid prolonged contact with the skin and inhalation of dust from clothing. Wash work clothes regularly. Refer to Australian and New Zealand Standard AS/NZS 4501 for occupational protective clothing.

Eye protection: Use safety glasses or chemical goggles to protect eyes. Refer to AS/NZS 1336 for suitable eye and face protection.

Respiratory protection: Where inhalation of dust may occur use an appropriate respirator fitted with particulate cartridges. Refer to AS/NZS 1715 and AS/NZS 1716 for suitable respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. A full-face respirator may be desirable to give respiratory and eye protection.

Other information: PPE selected must be impervious to the substance. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle in accordance with safe industrial hygiene practices.

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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Description:	Fine powder	Colour:	Off-white
Odour:	Mild	Melting Point:	Not available
pH:	7.5 -10 in water	Solubility:	Less than 5%
Boiling point:	Not applicable	Flash Point (Closed Cup):	Not available
Flammability:	Non-flammable	Relative density:	0.9-2.0
Vapour pressure:	Not available	Viscosity (20°C):	Not available
Decomposition Temp:	Not applicable	Autoignition Temp:	Not available
Flammability Limits:	Not applicable	Partition Coefficient:	Not available
Relative Vapour Density:	Not available	Evaporation Rate:	Not available

Section 10: STABILITY AND REACTIVITY

Stability:	Stable under normal temperatures and pressures.
Reactivity:	Under normal conditions of storage and use, not expected to cause any adverse reactions. Combustion products may include oxides of carbon.
Conditions to Avoid:	Avoid generating dust.
Incompatibility:	Keep away from strong acids and strong oxidisers.

Section 11: TOXICOLOGICAL INFORMATION

Acute Exposure

Acute Toxicity:	Not classified as acutely toxic.
Inhalation:	Harmful if inhaled over prolonged periods.
Ingestion:	Not expected to have adverse effects.
Skin Contact:	Not expected to be a skin irritant in dry powder form.
Eye Contact:	Not expected to be a chemical eye irritant in dry powder form. Particulate matter may irritate eyes by mechanical means.
Sensitiser:	Not expected to be a respiratory or contact sensitiser.

Chronic Exposure:

Mutagen/Carcinogen/Reproductive Toxicant May cause cancer via inhalation. Prolonged exposure to dust may aggravate pre-existing respiratory conditions. Long-term exposure over a number of years can cause lung disease (silicosis) which increases the risk of developing respiratory cancers.

Specific Target Organ Systemic Toxicity: May cause damage to lungs, respiratory system through prolonged or repeated exposure via inhalation.

Toxicity data is based on hazardous ingredient information and information in the EPA Chemical Classification and Identification Database.

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Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Product is not expected to be ecotoxic to water or soil environments or to terrestrial vertebrates or invertebrates.

Mixing with water creates an alkaline pH of between 7.5-10 and large quantities may affect the pH of waterways.

Persistence/degradability: No additional information available.

Bio-accumulation: No additional information available.

Mobility: Product is slightly soluble in water.

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Dispose of as inert solid to landfill via an approved waste disposal contractor. Do not dispose directly into sewers or surface waters. Slurry may plug drains.

Disposal of Packaging: Dispose of packaging via an approved waste disposal contractor.

Section 14: TRANSPORT INFORMATION

Setting Compounds is not classified as a Dangerous Good for transport in accordance with NZS5433:2012, IMDG or IATA.

Ensure transportation methods prevent leakage from packages and collapsing loads.

Section 15: REGULATORY INFORMATION

Group Standard: Construction Products (Toxic 6.7A) Group Standard

HSNO Approval Code: HSR002545

HSNO Classifications: 6.7A Known or presumed carcinogen
6.9B Harmful to human target organs or systems

This substance triggers: Emergency Response Plan 1,000kg
Secured when not in use 10kg

This substance is restricted to workplaces only and supplier must verify that a competent person is available to take responsibility for the substance before supply. (EPA Hazardous Property Controls Notice 2017, Part 2).

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Section 16: OTHER INFORMATION

The information provided in this Safety Data Sheet relates only to the specific material designated herein. This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.

This substance is approved under HSNO for use as a construction product. All reasonable care has been taken to ensure that the information and advice contained herein are from sources believed to be reliable and to represent the most up-to-date knowledge available at the date given in Section 16. No liability is assumed for any damages related to the use or misuse of this substance.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore, this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

SDS Issued: 18/12/2017

Reason for Revision: Update to New Zealand regulatory requirements.

References:

EPA NZ Chemical Classification and Information Database
EPA Guide: Assigning a Hazardous Substance to a Group Standard, 2014
Supplier SDS: Hamilton Drywall Products, Setting Compounds SDS, 19 June 2015.

END OF SAFETY DATA SHEET