

Date of issue: 14 August 2024
Revised by: Simonne Moses - HSNO Consultant SDS No: 3

Safety Data Sheet

Hyde Better Finish Nail Hole Filler

Classified as: Hazardous according to the EPA Hazardous Substances
(Hazard Classifications) Notice 2020.

Section 1: SUBSTANCE AND SUPPLIER DETAILS

Product Name: Hyde Better Finish Nail Hole Filler

Supplier: Manners Building Products
2E Rothwell Avenue, Rosedale
North Harbour
Auckland 0632
New Zealand

Phone: 09 415 7488

Recommended Use: Joint Compound – for finishing and repair, restricted to workplaces only.

In Case of Emergency Contact:
CHEMCALL: 0800 CHEMCALL (243 622)

Section 2: HAZARDS IDENTIFICATION

This product is not classified as a Dangerous Good for Transport.

This product is classified as hazardous according to criteria in the Hazardous Substances (Hazard Classifications) Notice 2020.

Classified under the group standard: Construction Products (Carcinogenic) Group Standard 2020.

HSNO APPROVAL NUMBER: **HSR002545**

HSNO CLASSIFICATIONS: 6.4A – Eye irritant
6.7A – Known or presumed carcinogen
6.9A – Toxic to human target organs or systems, repeated exposure

GHS Classification: Eye irritation – Category 2
Carcinogenicity - Category 1
Specific Target Organ Toxicity, repeated exposure - Category 1

Hazard Statements:

H319 Causes serious eye irritation
H350 May cause cancer (inhalation)
H372 Causes damage to organs (lungs, respiratory system) through prolonged or repeated exposure via inhalation.

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.
- P264 – Wash hands, exposed skin thoroughly after handling.
- P270 - Do not eat, drink, or smoke, when using this product.
- P280 - Use protective gloves, eye protection, respiratory protection if exposed to dust/fine powder.

RESPONSE STATEMENTS:

- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P308 + P313 – IF eye irritation persists or if exposed or concerned: Get medical advice/attention.

STORAGE:

- P405 - Store locked up.

DISPOSAL:

- P501 - In accordance with the EPA Hazardous Substances (Disposal) Notice 2017. Refer to Section 13 of this SDS.

Additional information: Contains crystalline silica which in dust/fine powder form and in the concentration present in this formulation, is classified as a carcinogen category 1 and a specific target organ toxicant, repeated exposure category 1 via inhalation. This product may cause cancer and damage to the lungs and respiratory system by inhalation of dust/fine powder over prolonged or repeated exposure. The product as supplied is a thick paste but during normal conditions of use, once dried out may be sanded producing dust/fine powder which could become an inhalation hazard.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture: Nail Hole Filler

Main Component	CAS Number	Concentration (%wt)
Calcium Carbonate	471-34-1	30 – 60%
Crystalline Silica	14808-60-7	1 - 5%
Mica	12001-26-2	1 – 5%
Magnesite	546-93-0	0.5 – 1.5%

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 should be provided.

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

In Contact with Eye: Hold eyes open, flush with water for at least 15 minutes. Seek medical attention if irritation develops and persists.

In Contact with Skin: Remove affected clothing and wash exposed skin with mild soap and water. Seek medical attention if irritation develops and persists.

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 meeting the requirements of Part 5 of the Health and Safety at Work (Hazardous Substances) Regulations 2017 is required 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 dust/fine powder formation.

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

Spill or Leak Procedures. Contain the spill. Dampen dried out material to prevent dust/fine powder formation, collect and transfer into containers. Ensure waste container is properly labelled.

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/fine powder. Use appropriate respirator if there is a risk of inhalation and inadequate ventilation.

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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. Dried out product on clothing should be dampened and removed carefully to prevent airborne dust/fine powder which can be inhaled. Launder contaminated clothing before reuse. Do not take silica contaminated clothing home.

Storage: Keep containers tightly closed in a secured area. Store locked up. 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 0.025 mg/m³, carcinogen category 1
Calcium carbonate: TWA 10 mg/m³
Mica, respirable dust: TWA 3 mg/m³
Magnesite: TWA 10 mg/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/fine powder, 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/fine powder.

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/fine powder is likely. Remove any contaminated clothing to avoid prolonged contact with the skin and inhalation of dust/fine powder from clothing. Carefully dampen and remove dried out product from clothing. Wash work clothes regularly. Refer to Australian and New Zealand Standard AS/NZS 4501 for occupational protective clothing.

Eye protection: Use safety 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.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Description:	Thick paste	Colour:	Off-white
Odour:	None	Odour Threshold:	Not applicable

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pH:	8.0 in water	Solubility:	Soluble
Boiling point:	100°C approx.	Flash Point (Closed Cup):	Not available
Freezing point:	0°C approx.	VOC Content:	Not available
Flammability:	Non-flammable	Relative density:	1.73
Vapour pressure:	40.3 mmHg	Viscosity (Brabender Units):	Not available
Decomposition Temp:	Not applicable	Autoignition Temp:	Not applicable
Flammability Limits:	Not applicable	Partition Coefficient:	Not available
Relative Vapour Density:	2.6	Evaporation Rate:	Slower than Butyl Acetate, (Butyl Acetate = 1)
Particle characteristics:	Not applicable		

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.

Conditions to Avoid: Avoid generating dust/fine powder. Do not allow to freeze or dry out.

Incompatibility: Keep away from strong acids and strong oxidisers.

Hazardous Decomposition: Thermal decomposition may result in toxic silica compounds.

Section 11: TOXICOLOGICAL INFORMATION

Acute Exposure

Acute Toxicity: Not classified as acutely toxic.
LD₅₀ oral > 2,000 mg/kg.
LD₅₀ dermal > 2,000 mg/kg
LC₅₀ inhalation > 5 mg/L (dust)

Inhalation: May cause irritation if dust/fine powder is inhaled causing coughing, wheezing.

Ingestion: Not expected to have adverse effects.

Skin Corrosion/Irritation: Not expected to be a skin corrosive or irritant. May cause mechanical irritation from rubbing on skin.

Serious Eye Damage/Eye Irritation: Irritating to eyes but not expected to be corrosive. May cause stinging, pain, redness, watering.

Respiratory or Skin Sensitisation: Not expected to be a respiratory or contact sensitiser.

Chronic Exposure:

Mutagen/Carcinogen/Reproductive Toxicant May cause cancer via inhalation of dust/fine powder. Prolonged exposure to dust/fine powder may aggravate pre-existing respiratory conditions. Long-term exposure to dust/fine powder over several years can cause lung disease (silicosis) which increases the risk of developing respiratory cancers. Not expected to be mutagenic or a reproductive toxicant.

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Specific Target Organ Toxicity Single Exposure: No information available. Not expected to be a specific target organ toxicant by single exposure.

Specific Target Organ Toxicity Repeated Exposure: Causes damage to lungs, respiratory system, through prolonged or repeated exposure via inhalation of dust/fine powder.

Aspiration Hazard: No information available. Not expected to be an aspiration hazard.

Toxicity data is based on hazardous ingredient information and concentrations and information for those ingredients in the EPA Chemical Classification and Identification Database and the European Chemical Agencies Database.

Section 12: ECOLOGICAL INFORMATION

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

Persistence/degradability: No additional information available.

Bioaccumulation: No additional information available.

Mobility in soil: No additional information available.

Other adverse effects: None identified.

Ingredients with Ecotoxic classifications: There are no ingredients with ecotoxic classifications.

Ecotoxicity data is based on hazardous ingredient information and concentrations and information for those ingredients in the EPA Chemical Classification and Identification Database and the European Chemical Agencies Database.

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Dispose of 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

This product is not classified as a Dangerous Good for transport in accordance with NZS5433:2020, IMDG or IATA.

Ensure transportation methods prevent leakage from packages and collapsing loads.

Section 15: REGULATORY INFORMATION

Group Standard Allocation: Construction Products (Carcinogenic) Group Standard 2020

HSNO Approval Code: HSR002545

Classifications: Eye irritation – Category 2
Carcinogenicity - Category 1
Specific Target Organ Toxicity, repeated exposure - Category 1

NZ Inventory of Chemicals: All ingredients are listed in the NZ Inventory of Chemicals

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This substance triggers:	Compliance Certificate	N/A
	Certified Handler	N/A
	Emergency Response Plan	1,000kg
	Secondary Containment	Not applicable
	Signage	Not applicable
	Secured when not in use	10kg

All workplace personnel handling this substance are required to be trained on the safe handling and PPE requirements for the hazards associated with this substance.

This substance is restricted to workplaces only and the supplier must meet the requirements of Clause 13 of the EPA NZ Hazardous Substance (Hazardous Property Controls) Notice 2017 in relation to verifying the product is only sold to workplaces and that a competent person is available to accept responsibility.

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: 14 August 2024
Supersedes: 29 September 2021
Reason for Revision: 5-year review and update.
New WES for crystalline silica.

References:

EPA NZ Chemical Classification and Information Database.
European Chemical Agencies Database.
EPA Guide: Guide to Classifying Hazardous Substances in New Zealand, Version 1
Supplier SDS: Hyde Tools Inc, Hyde Better Finish Nail Hole Filler SDS, March 2019.

Summary of Abbreviations: EPA – Environmental Protection Authority
GHS – Global Harmonisation System
CAS – Chemical Abstracts Service
TWA – Time Weighted Average

END OF SAFETY DATA SHEET