

MSDS No.: 2 Revision No.: 6 Revision Date: Page:

270 004 10/11/05 1 of 2

## **MATERIAL SAFETY DATA SHEET**

Product name: Mineral wool

**Description:** Synthetic vitreous fiber

Supplier: Hilti, Inc. P.O. Box 21148, Tulsa, OK 74121

Emergency # (Chem-Trec.): 1 800 424 9300 (USA, PR, Virgin Islands, Canada); 001 703 527 3887 (other countries)

# **INGREDIENTS AND EXPOSURE LIMITS**

Ingredients:	CAS Number:	PEL:	TLV:	STEL:
Slag wool fiber	65997-17-3	NE	1 fiber / cc	NE
Phenolic resin	09003-35-4	NE	NE	NE
Polyvinyl alcohol	09002-89-5	NE	NE	NE

**Abbreviations: PEL** = OSHA Permissible Exposure Limit. **TLV** = ACGIH Threshold Limit Value. **STEL** = Short Term Exposure Limit. **NE** = None Established. **NA** = Not Applicable.

## PHYSICAL DATA

2' x 4' x 4" sheets. **Appearance:** Odor: Negligible. **Boiling Point:** Not applicable. **Vapor Pressure:** Not applicable. **Melting Point:** Approx. 2400° F **VOC Content:** < 1% w/w **Evaporation Rate:** Not applicable. **Solubility in Water:** Insoluble. pH: Not applicable. **Specific Gravity:** Not determined.

#### FIRE AND EXPLOSION HAZARD DATA

**REACTIVITY DATA** 

Flash Point: Not applicable. Flammable Limits: Not applicable.

**Extinguishing Media:** As appropriate for surrounding fire; material does not burn.

Special Fire Fighting

Soak cartons to help prevent the spread of fire. Use a self-contained breathing apparatus when

None known.

Procedures: fighting fires involving chemicals.

Unusual Fire and Explosion

Hazards:

Stability: Stable. Hazardous Polymerization: Will not occur.

**Incompatibility:** Strong acids.

**Hazardous Decomposition** 

Products:

Thermal decomposition products can be formed at temperatures exceeding 2000° F. Thermal

decomposition can yield CO and CO<sub>2</sub>.

Conditions to Avoid: None known.

### **HEALTH HAZARD DATA**

Known Hazards: Acute: Eye, skin and respiratory irritation. Chronic: Respiratory impairment.

Routes of Exposure: Inhalation, Dermal.

Signs and Symptoms of

**Exposure:** 

**Eyes:** Mechanical irritation. **Skin:** Itching, irritation. **Inhalation:** Nose, throat and upper respiratory tract irritation.

Carcinogenicity: Slag wool has been classified by the IARC as Group 3 – Unclassifiable as to Carcinogenicity in

Humans.

Medical Conditions
Aggravated by Exposure:

Eye, skin, and respiratory conditions.

**EMERGENCY AND FIRST AID PROCEDURES** 

Eyes: Flush with plenty of water while holding eyelids apart. Avoid rubbing the eyes as mechanical

abrasions can occur. Call a physician if symptoms persist.

Skin: Wash with soap and water. Launder clothing before reuse.

Inhalation: Move to fresh air.

Ingestion: No ill effects expected.

Other: Referral to a physician is recommended if there is any question about the seriousness of the

injury/exposure.

**CONTROL MEASURES AND PERSONAL PROTECTIVE EQUIPMENT** 

**Ventilation:** General (natural or mechanically induced fresh air movements).

**Eye Protection:** Safety goggles recommended to prevent particulates from irritating the eyes.

**Skin Protection:** Cloth gloves and long sleeves to protect skin from irritating fibers.

Respiratory Protection: Use local exhaust and/or a NIOSH-approved dust respirator when air movement is inadequate to

control dusts / fibers below recommended exposure levels.

PRECAUTIONS FOR SAFE HANDLING AND USE

**Handling and Storing** 

Precautions:

Avoid generating dusts. Local exhaust may be required to control dusts if power tools are used for cutting / trimming. Wear appropriate personal protective equipment. Store away from

moisture; keep dry.

Spill Procedures: Not applicable.

REGULATORY INFORMATION

Hazard Communication: This MSDS has been prepared in accordance with the federal OSHA Hazard Communication

Standard 29 CFR 1910.1200.

Health 1, Flammability 0, Reactivity 0, PPE B (Gloves, Goggles)

DOT Shipping Name:

IATA / ICAO Shipping Name:

Not regulated.

Not regulated.

**TSCA Inventory Status:** Chemical components listed on TSCA inventory.

SARA Title III, Section 313: This product does not contain any toxic chemicals which are subject to reporting under Section

313 of SARA Title III (40 CFR Part 372).

**EPA Waste Code(s):** Not regulated by EPA as a hazardous waste.

Waste Disposal Methods: Consult with regulatory agencies or your corporate personnel for disposal methods that comply

with local, state, and federal safety, health and environmental regulations.

CONTACTS

**Customer Service:** 1 800 879 8000 **Technical Service:** 1 800 879 8000

**Health / Safety:** 1 800 879 6000 Jerry Metcalf (x6704)

Emergency # (Chem-Trec): 1 800 424 9300 (USA, PR, Virgin Islands, Canada); 001 703 527 3887 (other countries)

The information and recommendations contained herein are based upon data believed to be correct; however, no guarantee or warranty of any kind expressed or implied is made with respect to the information provided.