



MATERIAL SAFETY DATA SHEET

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Voltgard® GluvEze™ Powder		REACH REGISTRATION NUMBER Exempted in accordance with Annex V.7	
Product Use Absorption of hand perspiration while in gloves			
Manufacturer's Name Natural Minerals (FKA American Talc)		Supplier's Name Saf-T-Gard International, Inc.	
Street Address PO Box 1048		Street Address 205 Huehl Road	
City Van Horn	State TX	City Northbrook	State IL
Postal Code/ Country 79855/ USA	Emergency Telephone 432-207-0885	Postal Code/ Country 60062/ USA	Emergency Telephone 847-291-1600
Date MSDS Prepared May 8, 2018	MSDS Prepared By Loren Rivkin	Phone Number 847-291-1600	

SECTION 2 — HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Talc and Dolomite

Classification (EC 1272/2008):
Physical and chemical hazards: not classified
Human health: Carcinogen
Environment: not classified

Quartz (0-3.5%)

GHS-US classification
Acute Tox 4 H332
STOT SE 3 H335
STOT RE 1 H372

Classification (67/548/EEC): Not classified
This product should be handled with care to avoid generating dust

Label Elements

Label Element in accordance with Regulation (EC) No1272/2008
Emergency Overview: Danger! Lung injury and Cancer Hazard
Hazard Statements:
H350 – May cause CANCER (inhalation)
H371 – May cause damage to respiratory system through prolonged or repeated exposure
P260 – Do not breathe dust
P284 – Wear respiratory protection

Other Hazards:

The product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH

SECTION 3 — COMPOSITION/ INFORMATION ON INGREDIENTS

This product does not contain detectable amounts of asbestos fibers as defined by the US Occupational Safety and Health Administration (OSHA) and the European Directive 83/477/EEC when analyzed by conventional methods. This statement is based on verification by certified independent laboratories using Polarized Light Microscopy (PLM).

Composition/Information on Ingredients

Mineral Name	CAS# EINECS#	% Wt/Wt	Classification (GHS-US)
Talc (Magnesium Silicate)	CAS: 14807-96-6 EINECS: 238-877-9	50-100	No classification
Dolomite (Magnesium Calcium Carbonate)	CAS: 16389-88-1 EINECS: 240-440-2	0-30	No classification
Quartz	CAS: 14808-60-7 EINECS: 238-878-4	0-3.5	Carc. A1, H350 STOT SE 3. H335

Impurities: This product is considered single ingredient

SECTION 4 — FIRST AID MEASURES

Eyes: Eye Contact: As with most dust or particulate materials, talc can cause temporary discomfort and irritation if accidentally introduced into the eye. Flush the affected eye(s) with clean water or saline rinse while holding the eyelids open; if irritation or redness develops, seek medical attention.

Skin: Skin Contact: Wash with soap and water and apply a moisturizing lotion. Broken skin can be cleansed with mild soap and water; if irritation or redness develops and persists, seek medical attention.

Ingestion: No

Inhalation: If irritation of nose or throat develops, move away from the source of exposure and to fresh air; if irritation persists or breathing difficulties develop seek immediate medical attention.

Ingestion: No treatment necessary.

Most important symptoms and effects, both acute and delayed

Inhalation: Symptoms of acute accidental exposure are non-specific and similar to the inhalation of any dust that is not toxic. Such symptoms may include coughing, wheezing, difficulty breathing and upper respiratory tract irritation. Long-term excessive exposures may lead to severe and permanent damage to the lungs.

WARNING: This product contains crystalline silica. Long-term overexposure to crystalline silica may lead to the development of silicosis and/or cardiopulmonary impairment.

Skin Contact: Prolonged direct exposure can cause drying of skin, but no adverse effects are known as a consequence of an application to unbroken skin.

Ingestion: This material is considered to be harmless and inert when ingested.

Indication of any immediate medical attention and special treatment needed

No specific actions are required

SECTION 5 — FIRE-FIGHTING MEASURES AND INFORMATION

Fire Extinguishing Media: This product is not flammable. Use fire extinguishing media appropriate for surrounding

Special Hazards: Hazardous combustion products: none under normal conditions

Advice for firefighters: Special firefighting procedures: no specific procedures given

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Avoid creating excessive dust. Follow precautions for safe handling described in this safety data sheet.

Environmental precautions

No special requirements.

Methods and material for containment and cleaning up

Provide adequate ventilation. If the product is clean and dry, shovel, vacuum or sweep up and return to container for use or disposal. Use caution on a wet floor, as it may be slippery

Reference to other sections

For personal protection see section 8. For waste disposal see section 13.

SECTION 7 — HANDLING AND STORAGE

Precautions for safe handling

Talc, like all fine powders, can create dust when handled. Keep all floors, workstations, stairs and handrails clean and dry. Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In the case of insufficient ventilation. Wear suitable respiratory protective equipment

Conditions for safe storage, including any incompatibilities

Use all available work practices to control dust exposure. Keep airborne dust concentrations below permissible exposure limits. Practice good housekeeping. Do not allow dust to collect.

Specific end use(s)

If you require advice on specific uses, please contact your supplier

SECTION 8 — EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control Parameters:

Follow workplace regulatory exposure limits for all types of airborne dust. For the national regulations about the Occupational Exposure Limit (OEL) of talc powder see section 15.

Exposure Controls:

Appropriate engineering controls:

Minimize airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below permissible exposure limits. If user operations generate dust, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organizational/administrative measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.

Individual protection measures, such as personal protective equipment:

Eye protection:

Wear safety glasses with side-shields in circumstances where there is a risk of dust generation that could lead to mechanical irritation of the eye.

Skin protection:

No specific requirement. For hands, see below.

Hand protection:

Protective gloves are not necessary, but recommended for those prone to skin irritation or dryness.

Respiratory protection:

Use of a properly fitted NIOSH/MSHA approved particulate respirator is recommended when there is the possibility of prolonged exposure to airborne dust concentrations. Wear respiratory protective equipment that complies with the requirements of national legislation.

Note: Personal protection information in this Section 8 is based on general information for normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the assistance of an industrial hygienist or other qualified environmental professional be obtained.

Environmental exposure controls

Use all available work practices to control dust exposure. Practice good housekeeping. Do not allow excessive amounts dust to collect on surfaces, which could become airborne and cause potential exposure risks.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder or rock
Color:	POWDERS: Dark Gray (almost black) to white ROCKS: All colors including black to white
Odor:	Earthy
Odor threshold:	Not Relevant
pH:	~9
Melting Point/Freezing point:	>1300°C
Flammability (solid, gas):	Non-flammable
Upper/lower flammability or Explosive limits:	Not explosive. Limits do apply
Relative density:	2.5-2.8 g/cm ³

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES (CONTINUED)

Solubility:	
Solubility in Water:	Negligible
Solubility in hydrofluoric acid:	Yes
Auto-ignition temperature:	Not Applicable
Decomposition temperature:	> 950°C
Explosive properties:	Not explosive
Oxidizing properties:	Not oxidizing
Other information:	No other information

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	Inert, not reactive
Chemical stability:	Chemically stable
Possibility of hazardous reactions:	No hazardous reactions
Conditions to avoid:	None
Incompatible materials:	None Known
Hazardous Decomposition Products:	None

SECTION 11 — TOXICOLOGY INFORMATION

Potential Health Effects

Information on toxicological effects information and the likely routes of exposure:

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the GHS, HMIS, and NFPA labels. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:

No adverse effects expected, however, large amounts may cause nausea and vomiting.

Eye Contact:

May be an eye irritant. Exposure to the dust may cause discomfort due to particulate matter abrasion. Eye contact may cause physical irritation to the eyes.

Skin Contact:

Contact with skin may result in irritation. Repeated exposure may cause skin dryness or cracking.

Inhalation:

Breathing dust may result in respiratory irritation. Long-term exposure to silica dust may also result in the development of silicosis (see below).

Talc (14807-96-6) ACGIH:

A4 – Not Classifiable as a Human Carcinogen (containing no asbestos fibers).

Quartz

A1 - Human Carcinogen NIOSH: potential occupational carcinogen NTP: Known Carcinogen (Select Carcinogen) IARC: Monograph 68 [1997] (listed under Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources) (Group I (carcinogenic to humans))

Acute Effects

Acute effects such as eye irritation may occur if associated with high dust operations such as grinding, milling and/or cleaning with compressed air (which such cleaning should be avoided). In very rare cases, symptoms of acute silicosis, a form of silicosis (a nodular pulmonary fibrosis associated with exposure to respirable crystalline silica) may develop following acute exposure to extremely dusty environments caused by the generation of dust containing silica. Signs such as labored breathing and early fatigue may indicate silicosis; however, these same symptoms can arise from many other causes.

SECTION 11 — TOXICOLOGY INFORMATION (CONTINUED)

Chronic Effects

Long-term, continual exposure to respirable crystalline silica at or above established permissible occupational exposure limits may lead to the development of silicosis, a nodular pulmonary fibrosis (NPF). This type of chronic exposure to silica dust may also result in the development of autoimmune disorders, chronic renal disease, and other adverse health effects. Recent epidemiologic studies demonstrate that workers exposed to elevated silica concentrations have a significant risk of developing chronic silicosis. Signs such as labored breathing and early fatigue may indicate silicosis; however, these same symptoms can arise from many other causes.

Inhalation and potential exposure to eyes, hands, or other body parts if contact is made with talc, and/or during grinding, and/or cleaning up respirable size particles of talc (less than 10 microns). The toxicity of crystalline silica is directly proportional to the ability of any particle to reach the lower respiratory tract. Particles with an aerodynamic diameter below 10 microns are likely to be most harmful to humans, as they reach the lower respiratory tract and are less readily removed by the lungs.

SECTION 12 — ECOLOGICAL INFORMATION

Toxicity To The Environment

No data are available on talc.
No specific adverse effect known for talc.

Persistence and degradability

No data are available on this product.
Product is an inorganic substance and therefore is not considered biodegradable.

Bioaccumulative potential

Not Relevant

Mobility in soil

Negligible

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste from residues/unused products:

Talc is not hazardous waste; dispose of in accordance with local, state and federal regulations.

Waste from packaging:

Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles. The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out in compliance with local, state and federal regulations

SECTION 14 — TRANSPORTATION INFORMATION

UN number	Not relevant
UN proper shipping name	Not relevant
Transport hazard class(es)	
RID/ADR (Int'l. Regulation for Transport of Dangerous Products)	NOT LISTED
DOT (Department of Transportation Classification)	NOT HAZARDOUS
DOT (Department of Transportation Proper Shipping Name)	NOT REGULATED
BC Code (Code of Safe Practice for Solid Bulk Cargos)	NOT HAZARDOUS
IMGD (Int'l Code for Dangerous Products)	NOT HAZARDOUS
UN (Classification for Dangerous Products)	NOT LISTED
Packing Group	Not relevant
Environmental hazards	Not relevant
Special precautions for user	Not relevant
Transport in bulk according to Annex 11 of MARPOL 73/78 and the IBC Code	Not relevant

SECTION 15 — REGULATORY INFORMATION

Safety, health and environmental regulations/legislations specific for the substance or mixture

National legislation/requirements:

Occupational Exposure Limits (OEL) for talc powder:

US: 2 mg/m³

Mexico: 2 mg/m³

International legislations/ requirements

Industrial Safety and Health Law: This product does not contain harmful or controlled hazardous substances under ISHL. This product may contain crystalline silica requiring workplace monitoring

Toxic Chemical Control Act: This product does not contain chemical substances regulated as toxic, observational, restricted or banned under TCCA.

Dangerous Substance Management Law: This product does not contain chemical substances regulated under DSML.

Waste Management Law: Ensure to dispose of in accordance with Federal, State and local laws.

Other regulations based on domestic or foreign laws:

The publicly available portions of following inventories have been investigated

SARA 313 Components

This talc contains <1 percent by weight each of the following elements, which are SARA 313 Recordable: Arsenic, Barium, Beryllium, Cadmium, Cobalt, Chromium, Copper, Manganese, Mercury, Nickel, Lead, Silver, Thallium, Tin, Titanium, Vanadium, and Zinc.

SARA 311/312

Acute Health Hazard, Chrome Health Hazard Under the State's Right to Know Act. Quartz (Crystalline Silica) CAS# 14808-60-7, may appear on an individual State's hazardous substance list. Please consult the individual State guidelines for proper handling.

California Proposition 65

WARNING! This Product contains a chemical (crystalline silica) known to the State of California to cause cancer.

WARNING! This Product contains chemicals (arsenic) known to the state of California to be a reproductive toxin.

NOTE: Silica, Arsenic and other substances listed by the State of California are present solely because they are naturally occurring trace elements in the Talc as mined.

Chemical Safety Assessment

This material is exempted from REACH Registration in accordance with Annex V.7 This material is a naturally occurring substance not chemically modified.

SECTION 16 — ADDITIONAL INFORMATION

Global Harmonization Identification System

GHIS: Health: 3 Fire: 4 Reactivity: 4

Hazardous Material Identification System

HMIS: Health: 0 Fire: 0 Reactivity: 0

National Fire Protection Association

NFPA: Health: 0 Fire: 0 Reactivity: 0

Important Note: Saf-T-Gard International, Inc. is not the manufacturer of this product. Saf-T-Gard purchases this item in bulk and repackages it for the use of our customers. This Safety Data Sheet was prepared based on the information contained in the original Safety Data Sheet provided to Saf-T-Gard by our supplier, Natural Minerals (FKA American Talc). If you would like a copy of this original Safety Data Sheet or have any questions, please contact Saf-T-Gard at +1-847-291-1600.