SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Glove Powder
Product Number: PSC4060745
Intended Use: Absorption of hand perspiration while in gloves

COMPANY IDENTIFICATION

Supplier: Chance Company
210 North Allen Street
Centralia, Missouri U.S.A.

Phone Number: (573) 682-8465
24 Hour Emergency (INFOTRAC): (800) 535-5053 (*US and Canada*)
(352) 323-3500 (*International*)

SECTION 2 HAZARDS IDENTIFICATION

CLASSIFICATION

Health	Environmental	Physical
Carcinogenicity – Category 1A	No classifiable hazards	No classifiable hazards

LABELLING

Symbols:

Signal Word: Danger

Hazard Statements	*Precautionary Statements*
• H350 – May cause CANCER (inhalation) • H373 – May cause damage to respiratory system through prolonged or repeated exposure • H335: May cause respiratory irritation • H332: Harmful if inhaled	• 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

MIXTURES.

Name	CAS#/ EINECS#	Wt. Percentage*	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	Acute Tox 4, H332 Carc. 1A, H350 STOT SE 3,H335

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional

ingredients present which, within the current knowledge of distributor and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

Other Information: 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.

SECTION 4 FIRST AID MEASURES

DESCRIPTION OF NECESSARY FIRST AID MEASURES:

Eye Contact: 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 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.

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. 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.

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

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.

Indication of Any Immediate Medical Attention And Special Treatment Needed: No specific actions are required

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

See toxicological information (Section 11)

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

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

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Hazardous Combustion Products: None under normal conditions

ADVICE FOR FIREFIGHTERS: No specific firefighting procedures given.

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

General Measures: 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

Other Information: 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.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

INGREDIENT	Occupational Exposure Limits (OEL)
Talc Powder	US: 2 mg/m³ Mexico: 2 mg/m³

Control Parameters: Follow workplace regulatory exposure limits for all types of airborne dust.

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.

PROTECTION MEASURES

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.

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.

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. 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.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Physical State: 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/cm³

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 additional information

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions.
Conditions of Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
Possibility of Hazardous Reactions:	No dangerous reactions known under normal conditions of use
Conditions to avoid:	None under recommended storage and handling conditions
Incompatible Materials:	None Known
Hazardous Decomposition Products:	None

SECTION 11 TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS:

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

Ingredients	Toxicological Information
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 breath and early fatigue may indicate silicosis. However, these same symptoms can arise from many other causes.

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

Ecology: No specific adverse effect known for talc.
Persistence and Degradability: Product is an inorganic substance and therefore is not considered biodegradable.
Bioaccumulative Potential: Not Relevant
Mobility in Soil: Negligible

SECTION 13 DISPOSAL CONSIDERATIONS

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

Regulatory Information	UN Number	Proper Shipping Name	Transport Hazard Class	Hazard labels	Packing Group
DOT	Not regulated				
RID/ADR	Not listed				
IMGD	Not regulated				
BC Code	Not hazardous				

OTHER INFORMATION

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

International Regulations:

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.

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.
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 OTHER INFORMATION

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):
Health – 0 **Flammability –** 0 **Physical Hazard –** 0

National Fire Protection Association (NFPA):
Health – 0 **Flammability –** 0 **Physical Hazard –** 0

Caution: HMIS® and NFPA ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The customer is responsible for determining the PPE code for this material.

Key to Abbreviations:

ATE = Acute Toxicity Estimate
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Code
UN = United Nations
TDG = Transportation of Dangerous Goods
TSCA = United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL= Canadian Domestic Substances List/Non-Domestic Substances List