

GLENDO LLC

SAFETY DATA SHEET

1. PRODUCT & COMPANY INFORMATION

1.1 PRODUCT IDENTIFIER(S)

Product Name: Cleaning Sticks

Stock Number: 002-170, 001-599B, 001-599B-220, 001-610, 001-610-220, 001-783, 001-834, 001-835, 001-600, 001-605, 001-600-220, 001-605-220, 001-612, 001-831, 001-896, 001-970, 001-612-220, 001-896-220, 001-970-220

1.2 COMPANY INFORMATION

Distributor's Name: Glendo LLC

Address: 900 Overlander Road, Emporia, KS 66801

Phone: (620) 343-1084

2. HAZARDS IDENTIFICATION

Classification of the chemical in accordance with 1910.1200(d)(f):

HAZARDS NOT OTHERWISE CLASSIFIED THAT HAVE BEEN IDENTIFIED DURING THE CLASSIFICATION PROCESS:

Potential Health Effects:

Eye: Dust may cause slight irritation.

Skin: Dust from this product may cause temporary mechanical irritation.

Inhalation: Dusts from this product may cause mechanical irritation of the nose, throat and respiratory tract.

Ingestion: Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

Chronic Health Effects: May affect breathing capacity.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

Hazardous Components: Listed below

CHEMICAL NAME	CAS #	Amount	EC #
Silicon carbide	CAS#409-21-2	60.0 - 100% by weight	EC# 206-991-8
Amorphous Silica, Fused	CAS#60676-86-0	30.0 - 60% by weight	EC# 262-373-8

4. FIRST AID MEASURES

4.1 DESCRIPTION OF NECESSARY MEASURES

IF INHALED: If dust from cutting or drilling is inhaled, remove the affected person to fresh air. If symptoms persist, get medical attention.

IN CASE OF SKIN CONTACT: Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.

4. FIRST AID MEASURES (continued)

IN CASE OF EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention, if irritation or symptoms of overexposure persists.

IF SWALLOWED: Accidental ingestion of this material is unlikely. If this does occur, watch person for several days to make sure intestinal blockage does not occur. If symptoms persist, call a physician.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Note to Physicians: No information available.

5. FIREFIGHTING MEASURES

5.1 SUITABLE AND UNSUITABLE EXTINGUISHING MEDIA

Suitable extinguishing media: Use any extinguishing media appropriate for the surrounding fires.

Unsuitable extinguishing media: None.

5.3 ADVICE FOR FIREFIGHTERS

Protective Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

5.4 FURTHER INFORMATION

NFPA Ratings:

NFPA Health: 0

NFPA Flammability: 0

NFPA Reactivity: 1

NFPA Other:

6. ACCIDENTAL RELEASE MEASURES

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Methods for containment: Containment of this material should not be necessary.

Methods for cleanup: Shovel or sweep up for re-use or disposal. Avoid creating dusty conditions. Evaluate residue to determine if it is a hazardous waste by characteristic. Dispose of in accordance with Local, State, Federal and Provincial regulations.

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Handling: always handle and store wheels in a careful manner.

Always visually inspect all wheels before mounting.

Always check machine speed against the established maximum safe operating speed marked on the wheel.

Always check mounting flanges for equal and correct diameter.

Always use mounting blotters.

Always be sure work rest is properly adjusted.

Always use a safety guard covering at least one-half of the grinding wheel.

Always allow newly mounted wheels to run at operating speed, with guard in place, for at least one minute before grinding.

Always turn off coolant before stopping wheel to avoid creating an out-of-balance wheel.

Hygiene Practices: Wear suitable gloves and eye/face protection.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: No special storage conditions required.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION / CONTROL PARAMETERS

EXPOSURE GUIDELINES:

Ingredient	Silicon carbide	Amorphous Silica, Fused
Guideline OSHA	PEL-TWA: 15 mg/m ³ Total particulate /dust (T) PEL-TWA: 5m g/m ³ Respirable fraction (R)	OSHA PEL-TW A0.1mg/m ³
Guideline NIOSH		REL-TWA: 0.05 mg/m ³ (Respirable)
Guideline ACGIH	TLV-TWA: 10 mg/m ³ Inhalable fraction (I) TLV-TWA: 3mg/m ³ Respirable fraction (R) TLV-TWA: 0.1f/cc Respirable fraction (R)	ACGIH TLV-TWA 0.1 mg/m ³
Quebec Canada	VEMP-TWA: 10 mg/m ³ Total particulate/dust (T)	VEMP-TW A: 0.1 mg/m ³ Respirable fraction (R)
Ontario Canada	OEL-TWAEV: 10 mg/m ³ Total particulate/dust (T) OEL-TWAEV: 3 mg/m ³ Respirable fraction (R) OEL-TWAEV: 10 mg/m ³ Inhalable fraction (I) OEL-TWAEV: 0.1 f/cc Respirable fraction (R)	OEL-TWAEV: 0.1 mg/m ³ Respirable fraction (R)
Alberta Canada	OEL-TWA: 10 mg/m ³	OEL-TWA: 0.1 mg/m ³ Respirable fraction (R)
Mexico	LMPE-PPT: 10 mg/m ³ LMPE-C T: 20 mg/m ³	MPE-PPT: 0.1 mg/m ³ Respirable fraction (R)
British Columbia Canada	OEL-TWA: 10 mg/m ³ Inhalable fraction (I) OEL-TWA: 3 mg/m ³ Respirable fraction (R) OEL-TWA: 0.1 f/cc Respirable fraction (R)	

8.2 EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS:

Engineering Controls: General dilution ventilation and/or local exhaust ventilation should be provided as necessary to maintain exposures below occupational exposure limits.

INDIVIDUAL PROTECTION MEASURES:

Eye/Face Protection: Always WEAR SAFETY GLASSES or some type of eye protection when grinding.

Skin Protection Description: Protective gloves. Long sleeved shirt and long pants.

Respiratory Protection: When workers are facing airborne particulate/dust concentrations above the exposure limit they must use appropriate certified respirators. A properly fitted NIOSH approved disposable N 95 type dust respirator or better is recommended.

Other Protective: Use of this product may create elevated sound levels. Hearing protection should be worn where required (see OSHA 29 CFR 1910.134 and other applicable regulations).

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Avoid getting dust into boots and gloves through wrist bands and pant tucks.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical State Appearance: Solid article.

Odor: Odorless.

Flash Point: Does not apply.

Lower Flammable/Explosive Limit: Not available.

Upper Flammable/Explosive Limit: Not available.

Auto Ignition Temperature: Not determined.

10. STABILITY AND REACTIVITY

10.2 CHEMICAL STABILITY

Stable under normal conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous Polymerization: Hazardous polymerization does not occur.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Special Decomposition Products: In use, dust and decomposing odors may be generated. In most cases, the material removed from the work place will be significantly greater than the grinding wheel components. Coolants may produce other decomposition products.

11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute Toxicity: This product has not been tested for its toxicity.

Carcinogens:						
	ACGIH	NIOSH	OSHA	IA RC	NTP	MEXICO
Silicon carbide	Not listed					
Amorphous Silica, Fused	No Data	NIOSH carcinogen	No Data	No Data	No Data	No Data

SILICON CARBIDE:

RTECS Number: VW0450000

Inhalation: No Data

AMORPHOUS SILICA, FUSED:

RTECS Number: VV7328000

Inhalation: Inhalation - Rat TCLo: 197 mg/m³/6H/26W (Intermittent) [Lungs, Thorax, or Respiration - Changes in lung weight] (RTECS)

12. ECOLOGICAL INFORMATION

12.2 PERSISTENCE AND DEGRADABILITY

Biodegradation: No environmental information found for this product.

13. DISPOSAL CONSIDERATIONS

DESCRIPTION OF WASTE:

Waste Disposal: Use standard landfill methods consistent with applicable Federal, State, Provincial and local laws.

14. TRANSPORT INFORMATION

UN number: Not regulated as hazardous material for transportation.

UN proper shipping name: Not regulated as hazardous material for transportation.

Transport hazard class(es): Not regulated as hazardous material for transportation.

Packing group: Not regulated as hazardous material for transportation.

Environmental hazards: Not regulated as hazardous material for transportation.

Special precautions for user: Not regulated as hazardous material for transportation.

15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

SILICON CARBIDE:

TSCA Inventory Status: Listed

Massachusetts: Listed

Pennsylvania: Listed

Canada DSL: Listed

EC Number: 206-991-8

AMORPHOUS SILICA, FUSED:

TSCA Inventory Status: Listed

EINECS Number: 262-373-8

Massachusetts: Listed

Rhode Island: Listed

Canada DSL: Listed

Canada IDL: Identified under the Canadian Hazardous Products Act Ingredient Disclosure List: 0.1%.1404(1487)

EC Number: 262-373-8

16. OTHER INFORMATION

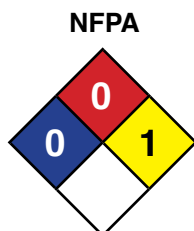
HMIS Health Hazard: 1

HMIS Fire Hazard: 0

HMIS Reactivity: 1

HMIS Personal Protection: X

HMIS	
Health Hazard	1
Fire Hazard	0
Reactivity	1
Personal Protection	X



FURTHER INFORMATION

User is granted the ability to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. GLENDO, LLC. shall not be held liable for any damage resulting from handling or from contact with the above product.

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