

GLENDO

CORPORATION

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

MATERIAL NAME: CLEANING STICKS

TRADE NAME: Cleaning Sticks

PART NUMBERS: 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

MANUFACTURER'S NAME: Glendo Corporation

ADDRESS: 900 Overlander Road, Emporia, KS 66801

PHONE: (620) 343-1084

2. COMPOSITION / INFORMATION ON INGREDIENTS

		SARA 313			ACGIH	CARCINOGEN
CHEMICAL NAME	COMMON NAME	Y/N	CAS #	OSHA PEL	TLV	N/CLASS 4
SILICON CARBIDE	***	N	409-21-2	15 mg/m ³	10 mg/m ³	N/CLASS 4
TALC	***	N	14807-96-6	***	***	N/CLASS 4
SLIP CLAY	***	N	1332-58-7	0.90 MG/M ³	***	N/CLASS 4
FLINT	***	N	14808-60-7	10 mg/m ³	30 mg/m ³	N/CLASS 4
FELDSPAR	***	N	68476-25-5	***	***	N/CLASS 4
BENTONITE	***	N	1302-78-9	***	***	N/CLASS 4

COMPOSITION IS PROPRIETARY.

3. HAZARDS IDENTIFICATION

ACUTE HEALTH EFFECTS: Dust may irritate eyes, skin and respiratory system. Ingestion is rare, but seek medical attention immediately if it occurs. Avoid dust formation and provide adequate ventilation.

CHRONIC HEALTH EFFECTS: Repeated or prolonged exposure may cause dermatitis. Pre-existing health conditions may be aggravated by exposure to components of these products.

CARCINOGENIC EFFECTS: CLASSIFIED AS 4 (NOT CLASSIFIABLE FOR HUMAN OR ANIMAL)

MUTAGENIC EFFECTS: NOT AVAILABLE

TETRATOGENIC EFFECTS: NOT AVAILABLE

DEVELOPMENTAL TOXICITY: NOT AVAILABLE

4. FIRST AID MEASURES

EYE CONTACT: In case of eye contact, check for and remove contact lenses. Flush with tepid water for at least 15 minutes while holding the eyelids open. Seek medical attention if irritation persists.

SKIN CONTACT: Carefully remove contaminated clothing, wash exposed area with soap and water and seek medical attention if irritation persists or worsens.

4. FIRST AID MEASURES (continued)

INHALATION CONTACT: In case of inhalation, observe personal safety first, if possible move individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, administer artificial respiration and call for emergency medical assistance.

INGESTION CONTACT: Seek immediate medical attention. Give water to dilute. Do not induce vomiting unless directed by qualified/licensed medical personnel. Never try to give anything by mouth if the person is unconscious.

5. FIRE, EXPLOSION DATA AND MEASURES

FLAMMABILITY: not flammable

AUTO-IGNITION: not applicable

FLASH POINT: not applicable

FLAMMABLE LIMITS: LEL: not applicable **UEL:** not applicable

PRODUCTS OF COMBUSTION: not available

EXTINGUISHING MEDIA: In presence of fire use water or other measures for surrounding fire.

SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS: Always wear self-contained breathing apparatus on positive pressure. Use water to keep material in or near fire cool. Avoid any bodily contact with substance or water from fire fighting. Water from fire fighting should be contained and disposed per instructions in section 12.

6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR RELEASE: Always wear recommended personal protective equipment per section 8.

Provide adequate ventilation to the area of the spill. Avoid raising dust during the clean up process. Use appropriate tools to clean up as much of the spill as possible and place solids in a water disposal container. Complete the clean up by mopping up the remaining dust and debris. Collect all mop water and dry material and dispose of in accordance to federal, state or local guidelines for this material.

7. HANDLING AND STORAGE

HANDLING: Use only with adequate ventilation. Always wear the correct personal protective equipment per section 8. Avoid any contact with eyes or skin. If you have any symptoms of sickness seek medical attention and provide the medical personnel with a copy of this msds. Keep away from incompatibles listed in section 10.

STORAGE: Store these products in dry location apart from any of the incompatible chemicals listed in section 10.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use adequate ventilation to provide fresh air during polishing process. Do not generate dust, fumes or mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE) DURING PRODUCT USE

EYE PROTECTION: Safety glasses with side shields are recommended.

RESPIRATORY PROTECTION: Dust respirator during the mixing process to prevent inhalation of dust.

SKIN PROTECTION: Protective boots, gloves and apron to prevent contact with skin.

PERSONAL PROTECTIVE EQUIPMENT IN CASE OF ACCIDENTAL SPILL

EYE PROTECTION: Dust and mist protective goggles or face shield.

RESPIRATORY PROTECTION: ½ mask respirator with cartridges matched to chemical release or dust.

SKIN PROTECTION: Full protective suit with approved boots and gloves.

IN CASE OF SPILL OBSERVE THE ACGIH TLV VALUES WHEN SELECTING THE APPROPRIATE PPE.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: tan

PHYSICAL STATE: solid

ODOR: odorless

SOLUBILITY: insoluble in water

PH: not available

BOILING POINT: not applicable

MELTING POINT: not applicable

VISCOSITY: not applicable

FLASH POINT: not applicable

AUTO IGNITION: not applicable

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Keep dressing sticks dry until ready for use.

MATERIALS TO AVOID: Strong chlorates, bromates, chlorine, concentrated oxygen, sodium hypochlorite and calcium hypochlorite.

HAZARDOUS DECOMPOSITION PRODUCTS: not available

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: inhalation, ingestion

TOXICITY: not available

SPECIAL REMARKS ON ACUTE EFFECTS ON HUMANS AS POWDER: Skin irritation, eye irritation, irritation of mucous membranes lung injury, gastrointestinal tract irritation. Generally low hazard for normal industrial use.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: not available

BOD5 / COD: not available

PRODUCTS OF BIODEGRADATION: Long term degradation products may be harmful.

13. DISPOSAL CONSIDERATIONS

Dispose of unused dressing stick according to federal, state or local laws. Empty containers may contain trace amounts of powder and should be treated as possibly harmful.

14. TRANSPORT INFORMATION

DOT CLASSIFICATION: not DOT regulated

15. REGULATORY INFORMATION

29CFR 1910.1200 HAZ COM: irritant, eyes, respiratory, skin

SARA 313: not reportable

	<u>HMIS (USA)</u>	<u>NFPA (USA)</u>
HEALTH HAZARD:	1	1
FIRE HAZARD:	0	0
REACTIVITY:	0	0
PPE:	E	GLOVES, LAB COAT, BOOTS, GLASSES, RESPIRATOR

16. OTHER INFORMATION

The information contained herein is based on data considered to be accurate; however, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third party persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the material safety data sheet.

Additionally, vendor assumes no responsibility for injury to vendee or third party persons proximately caused by abnormal use of this material even if reasonable safety procedures are followed.

Vendee assumes the risk in use of this material.

<u>CREATION DATE</u>	<u>CREATED BY</u>	
03/21/2013	R. Fessler	
<u>REVISION DATE</u>	<u>REVISED BY</u>	<u>REASON FOR REVISION</u>
N/A	N/A	N/A