

GLENDO

CORPORATION

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

MATERIAL NAME: SPRAY DIAMOND (NON-FLAMMABLE)

Trade Name: Spray Diamond (Non-Flammable)
Part Numbers: 002-752-NF, 002-753-NF, 002-754-NF, 001-782-1/4-NF,
 001-782-1/2-NF, 003-557, 003-560, 003-572, 003-611,
 001-612-220, 001-782-1-NF, 001-831-220

Manufacturer's Name: Glendo Corporation
Address: 900 Overlander Road, Emporia, KS 66801
Phone: (620) 343-1084

2. COMPOSITION / INFORMATION ON INGREDIENTS

		SARA 313			ACGIH	
CHEMICAL NAME	COMMON NAME	Y/N	CAS #	OSHA PEL	TLV	CARCINOGEN
INDUSTRIAL DIAMOND	N/A	N	7782-40-3	N/A	N/A	N/CLASS 4
WATER	DIHYDROGEN OXIDE	N	7732-18-5	N/A	N/A	N/CLASS 4

COMPOSITION IS PROPRIETARY.

3. HAZARDS IDENTIFICATION

ACUTE HEALTH EFFECTS: May cause eye irritation, serious eye damage, and skin irritation due to mechanical abrasion of diamond powders. The fine diamond powder may be inhaled which may cause respiratory irritation.

CHRONIC HEALTH EFFECTS: Very low probability of chronic effects due to possible exposure to nickel dust contained within the diamond powders.

CARCINOGENIC EFFECTS: Classified as 4 (not classifiable for human or animal).

MUTAGENIC EFFECTS: None for human.

TETRATOGENIC EFFECTS: None for human.

DEVELOPMENTAL TOXICITY: None for human.

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.

INHALATION CONTACT: Monitor for any irritation and seek medical attention if needed.

INGESTION CONTACT: The diamond powder will not cause any gastric upset.

5. FIRE, EXPLOSION DATA AND MEASURES

FLAMMABILITY: N/A

AUTO-IGNITION: N/A

FLASH POINT: N/A

FLAMMABLE LIMITS: LEL: N/A **UEL:** N/A

PRODUCTS OF COMBUSTION: N/A

EXTINGUISHING MEDIA: Use extinguishing media necessary for surrounding fire.

SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS: There are no special fire fighting instructions.

6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR RELEASE: Always wear recommended personal protective equipment per section 8. Carefully sweep up spilled material.

7. HANDLING AND STORAGE

HANDLING: No special handling instructions.

STORAGE: Industrial diamond powders are inert and may be stored anywhere.

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: Not normally needed.

SKIN PROTECTION: Protective gloves prevent contact with skin.

PERSONAL PROTECTIVE EQUIPMENT IN CASE OF ACCIDENTAL SPILL

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

RESPIRATORY PROTECTION: Not normally needed.

SKIN PROTECTION: Protective gloves prevent contact with skin.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: clear liquid

PHYSICAL STATE: water

ODOR: none

SOLUBILITY: completely soluble in water

PH: N/A

BOILING POINT: 212°F (100°C)

VISCOSITY: 1 (water)

FLASH POINT: N/A

AUTO IGNITION: N/A

10. STABILITY AND REACTIVITY

STABILITY: stable

CONDITIONS TO AVOID: none

MATERIALS TO AVOID: none

HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide and carbon dioxide

HAZARDOUS POLYMERIZATION: will not occur

11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: inhalation, ingestion

TOXICITY: non-toxic

SPECIAL REMARKS ON ACUTE EFFECTS ON HUMANS AS POWDER: Skin abrasion and eye irritation from diamond powder may occur.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: non-toxic

BOD AND COD: not available

13. DISPOSAL CONSIDERATIONS

Dispose of unused compound according to federal, state or local laws.

14. TRANSPORT INFORMATION

This product is not a DOT controlled material.

15. REGULATORY INFORMATION

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

SARA 313: not reportable

HMIS (USA)

HEALTH HAZARD: 0

FIRE HAZARD: 0

REACTIVITY: 0

NFPA (USA)

HEALTH HAZARD: 0

FIRE HAZARD: 0

REACTIVITY: 0

PPE: gloves, glasses and proper clothing

16. OTHER INFORMATION

Diamond compounds are sold for professional use only.

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.

CREATION DATE	CREATED BY	
01/01/2007	B. Teegardin	
REVISION DATE	REVISED BY	REASON FOR REVISION
02/27/2013	R. Fessler	CONTENT REVIEW