

**Section 1. Product and Company Identification**

**Product Name:** Endura Hard

**Product use:** Protection and densification of concrete/stone/masonry.

**Effective date:** 24 October, 2022

Replaces: 10 July 2019

**Manufacturer Information:**

Global Polishing Systems

6074 W I-30 BLDG 6062

Royse City, TX 75189

**USA Emergency Phone Number:**

**Section 2. Hazard Identification**

**GHS Pictograms:**

**GHS Signal Word:** WARNING

This product is alkaline. Avoid contact with eyes and skin. Keep out of reach of children.

The product may be harmful if it is inhaled or swallowed.

**POTENTIAL HEALTH EFFECTS:**

**CODE OF HAZARD STATEMENTS:**

**Physical hazards**

None.

**Health Hazards**

H303-May be harmful if swallowed.

H313-May be harmful in contact with skin.

H320-Causes eye irritation.

**Environmental hazards**

None.

**CODE OF PRECAUTIONARY STATEMENTS:**

**General**

P101-Keep out of reach of children.

P103-Read label before use.

**Prevention statements**

P202-Do not handle until all safety precautions have been read and understood.

P262-Do not get in eyes, on skin or on clothing.

P264-Wash thoroughly after handling using this product.

P280-Wear protective gloves/protective clothing/eye protection/face protection.

**Response statements**

P312-Call a POISON CENTER or doctor/physician if you feel unwell.

P331-DO NOT induce vomiting.

P340, Remove the victim to fresh air and keep at rest in a position comfortable for breathing.

P352, Wash with plenty of soap and water.

P362, Take off contaminated clothing and wash before reuse.

**Storage**

P403-Store in well-ventilated place.

P404-Store in a closed container.

**ROUTES OF ENTRY:** Eye contact, skin adsorption, ingestion and inhalation.

**CARCINOGENICITY:** None know at this time.

### Section 3. Ingredients and Hazards Identification

Components	CAS #	EINECS #	% by weight	REACH Reg. #
Amorphous silica	7631-86-9		10-15	Yes
Lithium compound	10102-24-6		< 5	Yes
Prop.			< 0.5	
Water	7732-18-5	231-791-2	Balance	No

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret

### Section 4. First Aid Measures

**Eye Contact:** Flush eyes with water immediately while holding eyelids open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

**Skin Contact:** Use soap and water to remove from the skin, remove contaminated clothing, clean thoroughly before reuse.

**Inhalation:** Move to fresh air. If not breathing, give rescue breathing. If breathing is difficult, give oxygen. Seek medical attention if breathing is still difficult.

**Ingestion:** If swallowed, get medical attention immediately. **DO NOT INDUCE VOMITING.** Never give anything by mouth to an unconscious person.

### Section 5. Fire Fighting Measures

**Flash Point:** Not flammable

**Flammability Limits:** NE

**Fire Fighting Media:** Dry chemical, carbon dioxide, and water spray.

**Special Fire Fighting Procedures:** First responders need to wear full-bunker gear with SCBA, never enter a confined space unless fully protected with proper personal protective equipment (PPE). Material is alkaline and may cause the floor to be slippery.

### Section 6. Accidental Release Measures

**Clean-up Procedures:** Material is alkaline wear proper PPE. Stop the source of the release if you are not put at risk. Use absorbent material (such as sand or kitty litter) to absorb the spill, use plastic shovel to pick up absorbent for disposal.

**Spills and Leaks:** Dispose in accordance to local, state or federal regulations.

### Section 7. Handling and Storage

**Handling:** Do not get into eyes. Do not taste or swallow. Wash thoroughly after handling.

**Storage:** Store in original labeled container. Keep in cool and dry areas. Do not exceed 60 °C (140 °F).

### Section 8. Exposure Control/Personal Protection

**Introductory Remarks:** Consider the potential hazards of this product outlined in section 3. Use process exposures such as local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits.

**Personal Protection:**

**Eyes:** Wear safety goggles or safety glasses to prevent eye contact.

**Body:** Long sleeve shirts, long pants, socks, rubber boots and chemical resistant gloves.

**Hands:** Chemical resistant gloves

**Respiratory:** Wear an approved respirator (NIOSH TC-84A rated or EN 14387) that provides protection from this product if the airborne concentrations exceed the recommended exposure limits. **Other:** None



<b>Section 16. Other Information</b>
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**Hazardous Material Information (HMIS)****National Fire Protection Association (NFPA)**

Health	1	1	Health
Fire	0	0	Fire
Reactivity	0	0	Instability
Personal Protection	C		NA

Health                    4 Deadly 3 Extreme Danger 2 Dangerous 1 Slight hazard 0 No hazard  
 Fire                      4 < 73 °C 3 < 100 °C 2 < 200 °C 1 > 200 °C 0 Will not burn  
 Reactivity/Instability 4 – May detonate 3 - Explosive 2 Unstable 1 - Normally stable 0 - Stable

**ABBREVIATIONS**

CAS #	Chemical Abstract Service Number	°F	Fahrenheit Temperature Scale
°C	Celsius Temperature Scale		
EINECS #	European Inventory of Existing Chemical Substances Number		
hPa	hectopascal	LD <sub>50</sub>	Lethal Dose Oral or Dermal
LC <sub>50</sub>	Lethal Concentration	LEL	Lower Explosive Limit
UEL	Upper Explosive Limit	PEL	Permissible Exposure Limit
PPE	Personal Protective Equipment	Prop.	Proprietary
PSI	Pounds Per Square Inch	NA	Not Applicable
ND	Not Determined	STEL	Short Term Exposure Limit
TLV	Threshold Limit Value	TSCA	Toxic Substance Control Act
TWA	Time Weighted Average		

Approved: 31 October 2022  
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