

**SECTION 1 -- PRODUCT IDENTIFICATION**

IDENTITY (Trade Name): Hyprez® DiaMold® Metal Polish

FAMILY/CHEMICAL NAME: Petroleum Distillates/Water. 7634 series.

PRODUCT USE: Used to produce a high finish of various types of surfaces.

MANUFACTURER/SUPPLIER: BORIDE Engineered Abrasives  
2615 Aero Park Dr.  
Traverse City MI 49686-9101

ORIGINAL ISSUE DATE: June 30, 2015

TELEPHONE NUMBER: (231) 929-2121

24-HOUR EMERGENCY NUMBER: (231) 922-1959

**SECTION 2 – HAZARDS IDENTIFICATION**

PRIMARY ROUTES OF EXPOSURE: Skin or eyes.

POTENTIAL HEALTH EFFECTS:

ACUTE: Eyes: Mild irritation.

Skin: Mild irritation, defatting with prolonged contact.

Inhalation (Breathing): Nasal and respiratory irritation.

Ingestion (Swallowing): Nausea, vomiting, diarrhea, chemical pneumonitis if aspirated into lungs due to vomiting.

CHRONIC: Similar to acute.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: Dermatitis.

NFPA RATINGS: Health: 1; Flammability: 1; Reactivity: 0

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

<u>MATERIAL</u>	<u>CAS #</u>	<u>WEIGHT %</u>	<u>PEL</u>	<u>EC#</u>
Water	N/E	40-60	N/E	N/E
Petroleum Naphtha	64742-47-8	10-30	200 PPM	265-149-8
Aluminum Oxide	1344-28-1	10-30	15 mg/m3	215-691-6
Amorphous Fused Silica	112945-52-5	0-10	15 mg/m3	N/E

N/E = not established

**SECTION 4 – FIRST AID MEASURES**

**EYES:** Flush eyes with water for 15 minutes lifting upper and lower lids occasionally. Seek medical attention if irritation or pain persists.

**SKIN:** Thoroughly wash affected area with soap and water and isolate from exposure. If irritation or rash persists, seek medical attention.

**INHALATION:** If symptoms of pulmonary involvement develop (coughing, sneezing, shortness of breath) remove from exposure. If condition persists seek medical attention.

**OTHER HEALTH RISKS:** Grinding may create sound and vibration levels that could effect hearing and aggravate circulatory problems in the hands. Obtain medical evaluation and use proper protection.

**SECTION 5 – FIREFIGHTING MEASURES**

**FLASH POINT:** 175 F.

**FLAMMABLE LIMITS IN AIR:** Not Known.

**AUTOIGNITION TEMPERATURE:** Not applicable.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None.

**FIRE FIGHTING PROCEDURES:** Extinguish fire.

**EXTINGUISHING MEDIA:** Foam; dry chemical; carbon dioxide.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, carbon dioxide.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

SPILL PROCEDURES: Sweep or shovel product into closable container for disposal.

METHODS FOR CONTAINMENT: Use absorbent material.

**SECTION 7 – HANDLING AND STORAGE**

HANDLING: If use conditions generate airborne dust, use in well-ventilated area and avoid breathing dust.

STORAGE: Keep from freezing.

PERSONAL HYGIENE: Use good personal hygiene. Wash hands before eating, drinking or smoking.

**SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION**

<u>MATERIAL</u>	<u>CAS #</u>	<u>WEIGHT %</u>	<u>PEL</u>	<u>Hazardous Ingredient (YES/NO)</u>
Water	N/E	40-60	N/E	No
Petroleum Naphtha	64742-47-8	10-30	200 PPM	Yes
Aluminum Oxide	1344-28-1	10-30	15 mg/m <sup>3</sup>	No
Amorphous Fused Silica	112945-52-5	0-10	15 mg/m <sup>3</sup>	No

N/E = not established.

**PRECAUTIONS FOR SAFE USE AND HANDLING**

HANDLING PRECAUTIONS: None known.

**SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION (cont'd)**

**CONTROL MEASURES**

**EYE PROTECTION:** Goggles or safety glasses with side shields are recommended.

**PROTECTIVE GLOVES:** Polyethylene recommended but not required.

**RESPIRATORY PROTECTION:** Not normally required. Selection and use of respiratory protective equipment, if warranted, should be in accordance with OSHA General Industry Standard 29 CFR 1910.134 in the U.S.A. and with CSA Standard Z94.4-M1982 in Canada.

**ENGINEERING CONTROLS:** Provide process enclosure or local ventilation needed to maintain dust below applicable exposure limits.

**OTHER PROTECTIVE EQUIPMENT:** None required.

**SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE, APPEARANCE, and ODOR:** soft paste, mild petroleum odor.

**ODOR THRESHOLD:** Not applicable.

**SPECIFIC GRAVITY:** 1.07 (water = 1).

**VAPOR DENSITY:** Not applicable.

**BOILING POINT:** 201 F.

**VAPOR PRESSURE:** Not applicable.

**FREEZING POINT:** 32 F.

**EVAPORATION RATE:** Not applicable.

**FLASH POINT:** 175 F.

**SOLUBILITY IN WATER:** Not applicable.

**MOLECULAR WEIGHT:** Not applicable.

**VOLATILE ORGANIC COMPOUNDS:** 80%.

**SECTION 10 – STABILITY AND REACTIVITY**

**STABILITY:** Stable, not reactive with water.

**INCOMPATIBILITY (material & conditions to avoid):** Strong acids, oxidizing agents.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

TUMORIGENIC DATA: None available.

ACGIH CARCINOGEN: No.

RTECS Number: BD1200000 (Aluminum Oxide)

INGESTION: Mouse: lethal dose (50% kill): >3,600 mg/kg (Aluminum Oxide)

INHALATION: Rat TC Lo: 200 mg/m<sup>3</sup>/5H/28W (Intermittent) [Lungs, Thorax, or Respiration – Structural or functional change in trachea or bronchi; Lungs, Thorax, or Respiration - Chronic pulmonary edema Related to Chronic Data - death] (RTECS) (Aluminum Oxide).

**SECTION 12 – ECOLOGICAL INFORMATION**

ECOTOXICITY: No information available.

PERSISTENCE AND DEGRADABILITY: No information available.

MOBILITY IN SOIL: No information available.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHODS: Dispose in accordance with federal, state, provincial and local regulations.

**SECTION 14 -- TRANSPORTATION INFORMATION**

DOT

PROPER SHIPPING NAME: None. HAZARD CLASS: None. ID NUMBER: None

Packaging Group: None. ER Guidebook #: None.

IATA Shipping Name: Not regulated as dangerous goods.

IMO Shipping Name: Not regulated as dangerous goods.

ADR/RID: Not Hazardous

GGVS/GGVE: Not Hazardous

IMDG: Not Hazardous

GGVSea: Not Hazardous

ICAO: Not Hazardous

**SECTION 15 -- REGULATORY INFORMATION**

TSCA Inventory Status: All components listed

ECHA REACH Candidate List: Not listed

EINECS Number: 262-373-8 (Alumina)

EC Number: 215-691-6 (Alumina); 265-149-8 (Petroleum Naphtha).

SARA TITLE III: Product does not contain toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE LIST: Not listed

SECTION 313 TOXIC CHEMICALS LIST: Not listed

FEDERAL RCRA HAZARDOUS WASTE: Not listed

REPORTABLE QUANTITY (RQ), UNDER U.S.: Not listed

**SECTION 16 -- ADDITIONAL INFORMATION**

SDS creation date: June 30, 2015

SDS revision date: June 30, 2015

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