

**SECTION 1 -- PRODUCT IDENTIFICATION**

IDENTITY (Trade Name): Simichrome Polish

FAMILY/CHEMICAL NAME: Water/solvent emulsion

PRODUCT USE: Metal cleaning and polishing compound.

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

ORIGINAL ISSUE DATE: June 30, 2015

TELEPHONE NUMBER: (800) 662-0336

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

**SECTION 2 – HAZARDS IDENTIFICATION**

PRIMARY ROUTES OF EXPOSURE: Skin, eyes, lungs.

POTENTIAL HEALTH EFFECTS:

Eyes: Can cause moderate irritation, reddening and swelling of the conjunctiva. Corneal injury may occur.  
Iritis may occur.

Skin: Irritation with prolonged contact.

Inhalation (Breathing): Nasal and respiratory irritation.

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

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: Dermatitis, respiratory conditions.

SIGNAL WORD: Warning



CLASSIFICATION: Irritant

HAZARD STATEMENTS: H 316 (mild skin irritant); H 320 (eye irritant)

PRECAUTIONARY STATEMENTS: P 264 (wash hands after handling); P 280 (wear eye protection)

R –PHRASES: R38: Irritating to skin  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

<u>MATERIAL</u>	<u>CAS #</u>	<u>WEIGHT %</u>	<u>TWA</u>	<u>EC#</u>
Water	N/E	30 - 55%	N/E	N/E
Aluminum Oxide	1344-28-1	25 - 35%	15 mg/m <sup>3</sup>	215-691-6
White Spirit 150/200	64742-82-1	10 - 15%	200 mg/m <sup>3</sup>	265-185-4
Kerosene 200-230	8008-20-6	10 - 15%	100 mg/m <sup>3</sup>	232-366-4
Ammonia Solution	1336-21-6	1 - 5%	N/E	215-647-6

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.

**INGESTION:** If swallowed, dilute with a large amount of water, do not induce vomiting, seek medical attention.

**SECTION 5 – FIREFIGHTING MEASURES**

**FLASH POINT:** Not Known.

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

**AUTOIGNITION TEMPERATURE:** Not known.

**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:** Take up with absorbent material and sweep or shovel into closable container for disposal.

**METHODS FOR CONTAINMENT:** Use absorbent material.

**SECTION 7 – HANDLING AND STORAGE**

**HANDLING:** If use conditions generate vapors, use in well-ventilated area and avoid breathing fumes/mist.

**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	30 - 55%	N/E	No
Aluminum Oxide	1344-28-1	25 - 35%	15 mg/m <sup>3</sup>	No
White Spirit 150/200	64742-82-1	10 - 15%	200 mg/m <sup>3</sup>	Yes
Kerosene 200-230	8008-20-6	10 - 15%	100 mg/m <sup>3</sup>	Yes
Ammonia Solution	1336-21-6	1 - 5%	N/E	No

N/E = not established.

**PRECAUTIONS FOR SAFE USE AND HANDLING**

**HANDLING PRECAUTIONS:** This product does not present a significant hazard in normal use. Data herein refers to prolonged contact with large quantities of product.

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

**CONTROL MEASURES**

**EYE PROTECTION:** Safety glasses with side shields are recommended.

**PROTECTIVE GLOVES:** Chemical resistant 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 vapor below applicable exposure limits.

**OTHER PROTECTIVE EQUIPMENT:** None required.

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

**PHYSICAL STATE, APPEARANCE, and ODOR:** Pink paste, characteristic ammonia odor.

**ODOR THRESHOLD:** Not known.

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

**DENSITY:** 1.13 – 1.17 (gm/ml).

**BOILING POINT:** > 100 °C.

**VAPOR PRESSURE:** Not known.

**FREEZING POINT:** -20 °C.

**EVAPORATION RATE:** Low.

**FLASH POINT:** > 93.3 °C

**SOLUBILITY IN WATER:** dispersible.

**Viscosity:** 60,000 – 90,000 cos (20 °C).

**VOLATILE ORGANIC COMPOUNDS:** Low volatility.

**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.  
CARCINOGEN: Not listed as a carcinogen by: IARC, NTP, OSHA or ACGIH.  
RTECS Number: N/E for mixture  
INGESTION: No information available.  
INHALATION: No information available.

N/E = not established.

**SECTION 12 – ECOLOGICAL INFORMATION**

ECOTOXICITY: Material contains 10 – 15% white spirit. Based on data for similar materials white spirit is classified as R51/53: toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.  
PERSISTENCE AND DEGRADABILITY: Moderately biodegradable.  
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: Goods are not regulated for transport by IATA.

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: No components listed.

EC Number: None for mixture.

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: October 13, 2023

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, BORIDE Engineered Abrasives assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the material as supplied to the user.