

SECTION 1 -- PRODUCT IDENTIFICATION

IDENTITY (Trade Name): Polishing Pad
SYNONYMS: Burnishing Pad
FAMILY/CHEMICAL NAME: Abrasive Puck
PRODUCT USE: Polishing and burnishing hard surface floors.
MANUFACTURER/SUPPLIER: BORIDE Engineered Abrasives
2615 Aero Park Dr.
Traverse City MI 49686-9101
ORIGINAL ISSUE DATE: November 2024
TELEPHONE NUMBER: (231) 929-2121
24-HOUR EMERGENCY NUMBER: (231) 922-1959

SECTION 2 – HAZARDS IDENTIFICATION

PRIMARY ROUTES OF EXPOSURE: Dust may come in contact with skin or eyes if the pad is used dry. If wet grinding, polishing or burnishing, dust is likely not a hazard.

GHS symbol:



GHS Signal Word: Warning
GHS Hazard Phrases: H 335 (respiratory irritant); H 320 (eye irritant).
GHS Hazard Category: Mild Irritant, Category 3.

GHS Precautionary Phrases: P280 - Wear eye protection
P260 - Do not breathe dust/fume/mist
P264 - Wash hands thoroughly after handling

POTENTIAL HEALTH EFFECTS:

ACUTE: Eyes: Dust and mist can cause irritation, redness and eye watering.
Skin: No skin absorption hazard. May cause rash from mechanical irritation.
Inhalation (Breathing): Nuisance dust and mist may cause coughing or sneezing.
Ingestion (Swallowing): Abrasive particles may cause irritation.

CHRONIC: Prolonged inhalation of inert dust and mist can cause respiratory distress.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: None known.

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

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS #	WEIGHT %	PEL	EC#
Silicon Carbide	409-21-2	1-3%	15 mg/m ³	206-991-8
Aluminum Oxide	1344-28-1	1-3%	15 mg/m ³	215-691-6
Cured epoxy adhesive	NA	10-15%	NE	NE
Diamond	7782-40-30	18-25%	15 mg/m ³ *	231-953-2
Nylon	24937-16-4	55-60%	NE	NE

NA = Not available; NE = Not established; * = limit for nuisance dust

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 redness persists.

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

INHALATION: Remove individual from exposure. If symptoms of pulmonary involvement (coughing, sneezing, shortness of breath) persist, seek medical attention.

INGESTION (Swallowing): If swallowed, dilute with a large amount of water, DO NOT induce vomiting and seek medical attention.

SECTION 5 – FIREFIGHTING MEASURES

FLASH POINT: > 200 C.

FLAMMABLE LIMITS IN AIR: Unknown.

AUTOIGNITION TEMPERATURE: Unknown.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

FIRE FIGHTING PROCEDURES: Extinguish fire.

EXTINGUISHING MEDIA: Use foam, dry chemical or CO₂.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide and carbon dioxide.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Wipe, sweep or shovel into closable container for disposal.

METHODS FOR CONTAINMENT: Physical barrier.

SECTION 7 – HANDLING AND STORAGE

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

STORAGE: Keep from extreme heat during storage.

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>
Silicon Carbide	409-21-2	1-3%	15 mg/m ³
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Cured epoxy adhesive	NA	10-15%	NE
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PRECAUTIONS FOR SAFE USE AND HANDLING

HANDLING PRECAUTIONS: If usage conditions generate airborne dust, use in well ventilated area and avoid breathing dust or fume.

CONTROL MEASURES

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

PROTECTIVE GLOVES: Chemical resistant not required.

RESPIRATORY PROTECTION: Required if vapors exceed exposure limits. 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 ventilation or particulate capture for operations producing dust.

OTHER PROTECTIVE EQUIPMENT: None necessary.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE, APPEARANCE, and ODOR: Solid, color varies with product, no odor.

ODOR THRESHOLD: Not known.

SPECIFIC GRAVITY: >1 (water = 1).

VAPOR DENSITY: NA

BOILING POINT: NA

VAPOR PRESSURE: < 5 mm Hg.

FREEZING POINT: NA

EVAPORATION RATE: Not known.

FLASH POINT: > 200 C.

SOLUBILITY IN WATER: Not-Soluble.

MOLECULAR WEIGHT: Not known.

VOLATILE ORGANIC COMPOUNDS: None.

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable, not reactive with water.

INCOMPATIBILITY (material & conditions to avoid): Incompatible with strong acids.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Mild inhalation and aspiration hazard.

CARCINOGENS: Not a carcinogen.

RTECS Number: NA.

INGESTION: No information available.

INHALATION: No information available.

DERMAL: No information available.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: Not determined.

PERSISTENCE AND DEGRADABILITY: Not determined.

MOBILITY IN SOIL: Not determined.

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: Components are listed

ECHA REACH Candidate List: Not listed

EC Number: None for product

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: November 12, 2024

SDS revision date: November 12, 2024

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