

# MATERIAL SAFETY DATA SHEET

Revised/Reviewed: December 28, 2011

## DIAMOND POLISHING PASTE (REF 404-40400, 404-40412)

A dental abrasive polishing paste used to make chair-side adjustments and to quickly polish porcelain to a re-glaze finish.

### Section 1- Product and Company Information

Manufactured for: Integra York PA, Inc., 589 Davies Drive, York, PA 17402

Information: 717-840-9335, 717-840-9347 (fax)

Chemical Name & Synonyms: --

Chemical Formula: --

In Case of Emergency: 1-800-535-5053

### Section 2 – Composition/ Information on Ingredients

Name	CAS Number	Percent	OSHA PEL	ACGIH TLV
Polyalkylene glycol monobutyl ether	9038-95-3	70-95	Not established	Not established
Silicon dioxide	112945-52-5	5-20	20 mppcf	10 mg/m <sup>3</sup>

### Section 3 – Hazard(s) Identification

Emergency Overview: Prolonged or repeated contact with this product may cause redness, dryness, or itchiness of the skin.

Potential Health Effects:

**Eye** - contact may cause moderate to severe irritation seen as swelling and redness of the conjunctiva.

**Skin** - contact may cause mild irritation, redness, or dryness.

**Ingestion** – No evidence of adverse effects from available information.

**Inhalation** – No evidence of adverse effects from available information.

Primary Route(s) of Entry: Skin and eye contact.

Carcinogen: NTP Program- Not listed IARC Program- Not listed OSHA Program- Not listed

Medical Conditions Aggravated by Exposure: May aggravate existing dermatitis.

### Section 4 - First Aid Measures

Eyes: Flush with water for at least 15 minutes while holding eyelids open. Seek medical attention.

Skin: Wash thoroughly with soap and water.

Ingestion: No harmful effects are expected.

Inhalation: Remove to fresh air.

#### Section 5 – Fire Fighting Measures

Special fire Fighting Procedures: Do not direct a solid stream of water into hot burning mass of this material; use self-contained breathing apparatus and protective clothing.

Extinguishing Media: All-purpose type or alcohol-type foam, carbon dioxide, or dry chemical.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, and vapors.

Flash Point (Test Method): 194°F

Flammable Limits- LEL: N/E      UEL: N/E

Auto Ignition Temperature: Not Established.

Conditions of flammability: May produce a floating fire hazard in extreme conditions.

Explosion data:

Impact Sensitivity: Not known

Static Discharge: Not known

#### Section 6 – Accidental Release Measures

General: Wear suitable protective clothing, especially eye protection.

Small Spills: Wipe up with absorbent material.

Large Spills: Collect for disposal.

#### Section 7 – Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Use adequate ventilation. Wash thoroughly after handling.

Storage: Store away from heat and flame. Keep container closed when not in use.

#### Section 8 – Exposure Controls/ Personal Protection

Exposure Limits: See section 2.

Ventilation: General ventilation adequate for use at low temperatures. At elevated temperatures, or if mist is generated, use local ventilation to keep material out of workplace air.

Respiratory Protection: None required at low temperatures; if mists are present, use NIOSH-approved respirator with organic vapor cartridge.

Eye Protection: Splash-proof goggles.

Skin Protection: Polyvinyl chloride-coated gloves.

Other: Eyewash and safety shower should be available.

#### Section 9 - Physical and Chemical Properties

Physical State: Opaque paste.

Appearance and Odor: Mild, characteristic odor. Color may vary.

Specific Gravity (Water=1): 0.971

Vapor Pressure (mm Hg): Negligible

Vapor Density (Air=1): 9.3

Evaporation Rate (Butyl Acetate= 1): Negligible

Volatile fraction by weight: Virtually zero

Boiling Point: Decomposes above 392°F.

Melting Point: -85°F

Dynamic Viscosity: Not known.

Kinematic Viscosity: Not known.

Solubility in Water: Soluble

pH: Not applicable

#### Section 10 – Stability and Reactivity

Stability: Stable.

Reactivity: Normally unreactive.

Incompatibility: Strong bases at high temperatures, strong acids, strong oxidizing agents, and materials reactive with hydroxyl compounds.

Hazardous Polymerization: Will not occur

Decomposition: Combustion may produce carbon monoxide, carbon dioxide, and vapors.

#### Section 11 – Toxicological Information

Acute Toxicity:

Oral: Not known.

Inhalation: Not known.

Dermal: Not known.

#### Section 12 – Ecological Information

No information available.

#### Section 13 – Disposal Considerations

RCRA Hazardous Waste: Not defined as hazardous under RCRA.

Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations. Incinerate in a furnace where permitted.

#### Section 14 – Transport Information

DOT Hazard Class: Non-hazardous.

Proper Shipping Name: Not applicable.

Identification Number: Not applicable.

#### Section 15 – Regulatory Information

Federal EPA:

SARA Title III: Contains a maximum of 5.00% glycol ethers, which appear in section

TSCA Status: All ingredients of this material are on the TSCA inventory.

State Right-to-Know:

California-65:	Not listed.
Florida:	Not listed.
Massachusetts:	Contains MS� extraordinary hazardous substance Propylene Oxide, 0.00100%, CAS No. 75-56-9.
New Jersey:	Not listed.
Pennsylvania:	Glycol ethers.

WHMIS Classification: D2B

All ingredients of this product are listed on the Domestic Substances List (Canada).

**Section 16 – Other Information**

HMIS Code: Health = 1; Flammability = 2; Reactivity = 0

NFPA Code: Health = 1; Flammability = 2; Reactivity = 0

(0=minimal hazard, 1=slight hazard, 2=moderate hazard, 3=serious hazard, 4=extreme hazard)

Liability Disclaimer: MSDS information is provided based on OSHA’s Hazardous Communication Regulation and for use of the persons required to receive this information under this regulation. The information is neither designed nor recommended for any other use or for use by any other person, including compliance with other laws. Integra York PA, Inc. (the “Company”) does not warrant the suitability for use of this MSDS for any other material or product not specifically identified herein. The Company does not warrant the accuracy or authenticity of this MSDS unless it has been obtained directly from the Company, or posted or viewed on a Company website. This MSDS is based on information that is believed to be reliable, but may be subject to change as new information becomes available. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. Since the use of this material is not under the Company’s control, each user is responsible for making their own determination as to the safe and proper handling of this material in their own particular use of this material. The Company makes no representation or warranty, either expressed or implied, including as to merchantability or fitness for a particular purpose.