

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Details

Product Name: OpTech Polishing Slurry 0.5µm

Allied Item No.: 90-188000

Chemical Name: Glass Polishing Slurry

Company Identification

Allied High Tech Products, Inc.
2376 East Pacifica Place
Rancho Dominguez, CA 90220
(310) 635-2466

Contact Point

Transportation for United States
Chemtrec (800) 424-9300 * (202) 483-7616

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name	CAS No.	Exposure Limits in Air		Carcin. Y/N
		ACGIH TLV or TWA	OSHA PEL	
Ceria 1-10%	1345-13-7	10 mg/m3	10 mg/m3	N
Alumina 10-20%	1344-28-1	10 mg/m3	10 mg/m3	N
Water 75-85%	7732-16-5	NA	NA	N

SECTION 3: HAZARDS IDENTIFICATION

Hazard Statement: Not listed as a carcinogen by IARC, NTP or OSHA.

SECTION 4: FIRST AID MEASURES

	Potential Health Effects	First Aid/ Medical Info.
Eye Contact:	Dust may irritate eyes.	Treat for particle in eye.
Skin Contact:	Some may experience skin irritation from dust.	Wash affected area with soap and water.
Inhalation:	Coughing, shortness of breath. May affect breathing capacity.	Remove to fresh air. Administer artificial respiration if necessary. Seek medical attention.
Ingestion:	No known adverse effects, but ingestion not recommended.	Seek medical attention.

Note:

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: NA

Fire Fighting Instruction: Wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus with full facepiece.

Special Hazards: NA

SECTION 6: ACCIDENTAL RELEASE MEASURES

Normal cleanup procedures. Respirators may be required.

Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.

HMIS Ratings

Health: 0
Flammability: 0
Reactivity: 0

SECTION 7: HANDLING & STORAGE	SECTION 12: ECOLOGICAL INFORMATION
<p><u>Handling:</u> Handle with adequate ventilation for nuisance dust. See OSHA 29 CFR 1910.94 and 29 CFR 1910.1000. Observe good housekeeping practices.</p> <p><u>Storage:</u> See OSHA 29 CFR 1910.94 and 29 CFR 1910.1000.</p>	<p>No information available.</p>
SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION	SECTION 13: DISPOSAL INFORMATION
<p><u>Engineering Measures:</u> General and/or local exhaust ventilation to control vapor concentration.</p> <p><u>Respiratory Protection:</u> Use NIOSH approved respiratory protection if level of air contaminants is excessive.</p> <p><u>Protective Gloves:</u> As desired by user.</p> <p><u>Eye Protection:</u> Recommended. See OSHA 29 CFR 1910.133</p> <p><u>Other:</u> Eyewash and safety shower are recommended.</p>	<p>Standard landfill methods consistent with Federal, State and Local regulations.</p>
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	SECTION 14: TRANSPORT INFORMATION
<p>Appearance: White slurry Odor: NA Solubility: NA Boiling Point: NA Melting Point: 32°F (0°C) Flash Point: NA Vapor Pressure: Water Vapor Density: NA Evaporation Rate: Water Specific Gravity: 1.0-1.5 Flammable Limits LEL: NA Flammable Limits UEL: NA</p>	<p>Not regulated.</p>
SECTION 10: STABILITY & REACTIVITY	SECTION 15: REGULATORY INFORMATION
<p><u>Stability:</u> Stable</p> <p><u>Conditions to Avoid/Incompatibles:</u> NA</p> <p><u>Decomposition Products:</u> NA</p> <p><u>Hazardous Polymerization:</u> Will not occur.</p>	<p>Not regulated.</p>
SECTION 11: TOXICOLOGICAL INFORMATION	SECTION 16: OTHER INFORMATION
<p>NA</p>	<p>Legend NAIF: No Applicable Information Found NA: Not Available/Applicable NE: None Established</p> <p>DISCLAIMER: The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. ALLIED HIGH TECH PRODUCTS, INC. makes no warranty, either express or implied, as to its accuracy or completeness and none is made as to the fitness of this material for any purpose. The manufacturer/distributor shall not be liable for damages to person or property resulting from its use. Nothing herein shall be construed as a recommendation for use in violation of any patent.</p>
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