



## MATERIAL SAFETY DATA SHEET

Saint-Gobain Ceramic & Plastics Inc.  
4905 East Hunter Ave.  
Anaheim, CA 92807  
Emergency Contact: Infotrac Inc.  
Tel. No.: (800) 535-5053

Flammability: 0  
Reactivity: 0  
Rating consistent with NFPA code  
Date: 4/30/04  
Supersedes: N/A

Health: 2  
Hazard: 0

### SECTION I - PRODUCT NAME

**PRODUCT TRADE NAME OR COMMON NAME:** Dia-Spray  
**CHEMICAL FAMILY OR PRODUCT TYPE:** Diamond Slurry

### SECTION II - COMPOSITION

CHEMICAL NAME	APPRX %	COMMON NAME	REG* (Y/N)	CAS #	P.E.L. (mg/m <sup>3</sup> )	TLV (mg/m <sup>3</sup> )	CARCIN. (Y/N)
1) Alcohol Alkylamine	1-20	Alkylamine	N	N/A	N.E*	N.E*	N
2) Monoethanol Amine**	1 – 10	MEA	Y	141-43-5	3ppm	3ppm	N
2) Water	70 - 90	Water	N	7732-16-5	None	None	N
3) Diamond	0.2-0.5	Diamond	N	7782-40-3	10	10	N
N.E.* = None Established							

\*\* Subject to EPA section 313 reporting SARA 40 CFR Part 372

\*Materials are regulated by OSHA 29 CFR 1910.1200. Hazard Communication Standard  
All ingredients are listed under TSCA

### SECTION III - PHYSICAL AND CHEMICAL DATA

<b>BOILING POINT:</b> 120°C	<b>MELTING POINT:</b> 0°C	<b>SPECIFIC GRAV.:</b> 1.05
<b>VAPOR PRESSURE:</b> Water	<b>VOLATILE BY VOL.:</b> 100	<b>VAPOR DENSITY:</b> N/A
<b>EVAPORATION RATE:</b> Water	<b>WATER SOL.:</b> 100	<b>ALCOHOL SOL.:</b> N/A
<b>SOL. IN SOLVENTS:</b> N/A	<b>APPEARANCE &amp; ODOR:</b> Milky liquid, little odor	

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT:</b> N/A	<b>(METHOD USED)</b> N/A	<b>FLAMMABLE LIMITS LEL:</b> N/A	<b>UEL:</b> N/A
<b>EXTINGUISHING MEDIA:</b> N/A		<b>EXPLOSION POTENTIAL:</b> N/A	
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> N/A			

### SECTION V - HEALTH, FIRST AID AND MEDICAL DATA

<u>ENTRY ROUTE(S):</u>	<u>ACUTE AND CHRONIC HEALTH AND OVEREXPOSURE EFFECTS</u>	<u>FIRST AID AND MEDICAL INFORMATION</u>
<b>INHALATION:</b>	Irritation; Cough	Remove to fresh air
<b>INGESTION:</b>	Irritating to digestive system	Give two glasses of water. Induce vomiting. Call doctor
<b>SKIN CONTACT:</b>	Chronic: May cause dermatitis	Wash with soap and water
<b>EYE:</b>	Irritation	Flush with water
<b>OTHER POTENTIAL RISKS:</b>	NAIF	NAIF

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**SECTION VI - CORROSIVITY AND REACTIVITY DATA**

**STABILITY:** UNSTABLE: ☐ STABLE: ☒

**POLYMERIZATION:** MAY OCCUR: ☐ WILL NOT OCCUR: ☒

**INCOMPATIBILITY (MATERIALS TO AVOID):** None

**DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub>, steam

**CONDITIONS TO BE AVOIDED:** Boiling

**SECTION VII - STORAGE, HANDLING AND USE PROCEDURES**

**NORMAL STORAGE AND HANDLING:** Do not boil or freeze. Store below 120°F avoid flames and smoking

**NORMAL USE:** Keep PEL/TLV below recommended limits. See OSHA 29CFR 1910.94 (ventilation) and 29 CFR 1910.1000 (air contaminants)

**STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS:** May be slippery, spread granular cover. Do not put in sewer. May biodegrade. Avoid overloading plant biomass.

**WASTE DISPOSAL METHOD:** Comply with federal and state and local regulations.

**SECTION VIII - PERSONAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION (SPECIFY TYPE):** Recommended

**VENTILATION** LOCAL: Recommended  
MECHANICAL (GENERAL): Recommended  
OTHER: NAIF

**PROTECTIVE GLOVES:** Chemically resistant gloves

**EYE PROTECTION:** Goggles or mask

**OTHER EQUIPMENT:** NAIF

**MEASURES TO BE TAKEN DURING REPAIR AND  
MAINTENANCE OF CONTAMINATED EQUIPMENT:** See SECTION VIII

**SECTION IX - SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** See Above

**OTHER PRECAUTIONS:** Prevent vapor buildup in closed spaces

**FOR COMPANY USE**

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\*\* NAIF = NO APPLICABLE INFORMATION FOUND

\*\*\* N/A = NOT APPLICABLE