

LEACH & DILLON PRODUCTS
161 COMSTOCK PARKWAY
CRANSTON, R.I. 02921
#401-464-5850
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MATERIAL SAFETY DATA SHEET

Date: January, 2002

1. PRODUCT IDENTIFICATION

Product Name: Sensation II Opaques

Other Designations: Sensation II Paste Opaques

2. HAZARDOUS COMPONENTS/INGREDIENTS

	CAS #	OSHA PEL		ACGIH TLV		%
		TWA	Stel/Ceil	TWA	Stel/Ceil	
Silica-Amorphous	60676-86-0					45-60
Aluminum Oxide (non-fibrous)	1344-28-1					9-15
Calcium Oxide	1305-78-8					0.5-4
Sodium Monoxide	1313-59-3					3-7
Potassium Monoxide	12136-45-7					6-10
Titanium Oxide	13463-67-7					0-8
Zirconium Oxide	1314-23-4 0	5mf/M3	10mf/M3	5mf/M3	10mf/M3	0-8
1,3 Butanediol	107-88-0 N/A	N/A	N/A	N/A	N/A	0-15
Acetic Acid, glacial	64-19-7	10ppm	N/A	10ppm	15ppm	0.01-1
Glycerol	56-81-5	5ppm	N/A	10mg/m3	N/A	0.7
Water	N/A	N/A	N/A	N/A	N/A	Bal.

** Respirable dust (product contains 80%-86% particle size of < 6.3 microns)*

***Total dust containing no asbestos and < 1% crystalline silica*

3. PHYSICAL DATA

Boiling Point: > 1000°
Vapor Pressure: N/A
Specific Gravity: >1

Melting Point: > 1000°
Vapor Density: N/A
Solubility in Water: Insoluble

Appearance and Color: White or pink

Odor: vinegar like

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A

Extinguishing Media: as applicable for surrounding fire.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazard: May produce irritating fumes.

5. REACTIVITY DATA

Stable: Yes

Conditions to Avoid: Contact with acids

Hazardous Polymerization: Will not occur **Hazardous Decomposition:** Silica dust, fumes

Incompatibility: Oxidizers may react with water

6. HEALTH HAZARD DATA

Inhalation: Acute: May cause irritation of respiratory tract, mucous membranes.
Chronic: May cause silicosis.
First Aid: Remove from exposure, seek medical attention if symptoms persist.

Ingestion: Acute: May cause irritation.
Chronic: Not known.
First Aid: Seek medical attention.

Skin: Acute: May cause irritation.
Chronic: Not known.
First Aid: Wash with soap and water.

Eyes: Acute: May cause irritation.
Chronic: Not known.

First Aid: Flush with water for 15 minutes.

Signs & Symptoms of Exposure: Redness, dermatitis, coughing.

Medical Conditions Generally Aggravated by Exposure: Those with lung problems

Carcinogenicity: Titanium oxide: NIOSH (Limit of Quantation 0.2)
Silica-Amorphous: IARC-3 (not classifiable as to carcinogenicity to humans),
NIOSH-X (carcinogen defined with no further categorization).

7. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case of a Spill or Leak: Avoid inhalation and /or generation of dust. Pick-up and place in a covered container.

Disposal: According to al Federal, State, and Local Limits

Precautions to be Taken in Handling & Storing: Store away from oxidizers.

8. CONTROL MEASURES

Ventilation and Respiratory Protection: NIOSH approved respirator above exposure limits, mechanical ventilation

Other Protective Equipment: Gloves, safety glasses.

Work/Hygienic Practices: Avoid inhalation or ingestion. Avoid eating and smoking in the work area.

9. SUPPLIER NOTIFICATION

Information and data are taken from sources believed to be reliable and correct, but cannot be warranted by manufacturer. User is responsible to determine suitability of material for specific application.
