

MATERIAL SAFETY DATA SHEET

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Satin Cast 20
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INGREDIENT	PERCENTAGE
Naphthalene Sulfonates	0-0.5
COMMON NAMES AND SYNONYMS	CAS NUMBER
Naphthalene Sulfonates	Not Known
PEL	UN NUMBER
15mg/m ³	Not Applicable
TLV	
Not Known	

HAZARDOUS INGREDIENTS

INGREDIENT	PERCENTAGE
Cristobalite	35-45
COMMON NAMES AND SYNONYMS	CAS NUMBER
Silica	14464-46-1
PEL	UN NUMBER
0.05mg/m ³ (respirable dust)	Not Applicable
TLV	
0.05mg/m ³ (respirable dust)	

INGREDIENT	PERCENTAGE
Calcium Sulfate Hemihydrate	26
COMMON NAMES AND SYNONYMS	CAS NUMBER
Gypsum	7778-18-9
PEL	UN NUMBER
5mg/m ³ (respirable fraction)	Not Applicable
TLV	
10mg/m ³	

INGREDIENT	PERCENTAGE
Quartz	25-35
COMMON NAMES AND SYNONYMS	CAS NUMBER
Silica	14808-60-7
PEL	UN NUMBER
0.1mg/m ³ (respirable dust)	Not Applicable
TLV	
0.1mg/m ³ (respirable dust)	

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	SPECIFIC GRAVITY	VAPOR PRESSURE	MELTING POINT
Not Applicable	2.4	Not Applicable	Not Applicable
VAPOR DENSITY	EVAPORATION RATE	SOLUBILITY IN WATER	
Not Applicable	Not Applicable	Slightly soluble	
APPEARANCE AND ODOR			
Off-white, odorless powder			

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	LIMITS
Not Applicable	Lel: Not Applicable Uel: Not Applicable
EXTINGUISHING MEDIA	
Not Applicable	
SPECIAL FIREFIGHTING PROCEDURES	
Not Applicable	
UNUSUAL FIRE AND EXPLOSION HAZARDS	
Not Applicable	

REACTIVITY DATA

STABILITY
Stable
CONDITIONS TO AVOID
None
INCOMPATIBILITY (MATERIALS TO AVOID)
Hydrofluoric acid, in which silica will dissolve and produce the corrosive gas silicon tetrafluoride.
HAZARDOUS DECOMPOSITION PRODUCTS
Not Applicable
HAZARDOUS POLYMERIZATION
Will not occur
CONDITIONS TO AVOID
None

HEALTH HAZARD DATA

CARCINOGENICITY	NTP?	IARC?	OSHA REGULATED?
Yes	No	Yes	Yes
EFFECTS AND HAZARDS OF OVEREXPOSURE (ACUTE AND CHRONIC)			
EFFECTS AND HAZARDS OF EYE CONTACT			
May cause irritation.			
EFFECTS AND HAZARDS OF SKIN CONTACT			
May cause dry feeling on skin.			
EFFECTS AND HAZARDS OF INHALATION (BREATHING)			
Prolonged exposure to respirable crystalline silica may cause chronic lung injury (silicosis). Acute developing silicosis may occur in a short time in heavy exposure. Silicosis is a form of disabling pulmonary fibrosis which can be progressive and may lead to death. The International Agency for Research on Cancer (IARC) reports limited evidence of the carcinogenicity of crystalline silica to humans. IARC class 2A.			
Kerr Manufacturing Company accepts no responsibility and disclaims all liability for harmful health effects and customers must comply with all applicable health and safety regulations relating to the safe handling of our silica-containing products.			
EFFECTS AND HAZARDS OF INGESTION (SWALLOWING)			
Hardens when wetted and, if ingested, may result in an obstruction.			

EMERGENCY AND FIRST AID PROCEDURES	
TREATMENT FOR EYE CONTACT Wash eyes immediately with large amounts of water, lifting lower and upper lids occasionally. If irritation persists, get medical attention.	
TREATMENT FOR SKIN CONTACT Wash with soap and water. Use hand lotion.	
TREATMENT FOR INHALATION (BREATHING) Move exposed person to fresh air at once. consult physician.	
TREATMENT FOR INGESTION (SWALLOWING) Consult physician.	
PRECAUTIONS FOR SAFE HANDLING AND USE	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Ventilate area of spill or release. Sweep up. Avoid unnecessary stirring or handling in order to prevent formation of dust.	
WASTE DISPOSAL METHOD Landfill	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Do not breathe dust. Keep container closed. Use according to directions.	
OTHER PRECAUTIONS Follow prescribed mixing procedure for Kerr investment.	

CONTROL MEASURES	
RESPIRATORY PROTECTION Use NIOSH-approved equipment. Also see ANSI Standard Z88.2-1980, "Practices for Respiratory Protection".	
VENTILATION	
LOCAL EXHAUST VENTILATION Use sufficient local exhaust to reduce the level of respirable crystalline silica to the PEL.	
SPECIAL VENTILATION None	
MECHANICAL (GENERAL) VENTILATION None	
OTHER VENTILATION None	
PROTECTIVE GLOVES Gloves optional.	
EYE PROTECTION Eye goggles.	
OTHER PROTECTIVE EQUIPMENT Not Applicable	
WORK AND HYGIENIC PRACTICES Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.	

ADDITIONAL INFORMATION	
This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29CFR 1910.1200) and is to be used only for this product. The information contained in this sheet is, to the best of our knowledge, believed to be accurate.	
RATINGS HMIS H3F0R0	HAZARD INDEX 4 Severe Hazard 3 Serious Hazard 2 Moderate Hazard 1 Slight Hazard 0 Minimum Hazard
SHIPPING INFORMATION Not regulated	