

SATIN CAST INVESTMENT

Satin Cast 20

MATERIAL SAFETY DATA SHEET

Identity (As used on label and list)
SATIN CAST 20

Note: Blank fields are
not permitted

Section I

Supplier Information:
Santa Fe Jewellery Supply
1513 Fifth Street Santa Fe, NM 87505

Emergency Phone #
313-946-7800

Information Phone #
313-946-7800

Date Prepared
5-6-88

Section II - Hazardous Ingredients

Ingredient	Percent	CAS Number
CRISTOBALITE	35-45	14464-46-1

Common Names and Synonyms
SILICA

PEL: 10mg/m3 | TLV: 0.1mg/m3

Other Limits Recommended: 0.05mg/m3 10 Hr. TWA

Ingredient	Percent	CAS Number
QUARTZ	25-35	14808-60-7

Common Names and Synonyms
SILICA

PEL: 10 mg/m3 | TLV: 0.1mg/m3

Other Limits Recommended: 0.05mg/m3 10 Hr. TWA

Ingredient	Percent	CAS Number
NAPHTHALENE SULFONATES	0-0.5	NOT KNOWN

Common Names and Synonyms
NAPHTHALENE SULFONATES

PEL: 15 mg/m3 | TLV: NOT KNOWN

Other Limits Recommended: 5 mg/m3 RESPIRABLE

Section III - Physical/Chemical Characteristics

Boiling Point: N.A. | Specific Gravity: N.A.

Vapor Pressure: N.A. | Melting Point: N.A.

Vapor Density: N.A. | Evaporation Rate: N.A.

SOLUBILITY IN WATER
SLIGHTLY SOLUBLE.

APPEARANCE AND ODOR
OFF WHITE ODORLESS POWDER.

Section IV - Fire And Explosion Hazard Data

Flash Point: N.A. | Limits: Lel: N.A. | Uel: N.A.

EXTINGUISHING MEDIA
N.A.

SPECIAL FIREFIGHTING PROCEDURES
N.A.

UNUSUAL FIRE AND EXPLOSION HAZARDS
N.A.

Section V - 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
N.A.

HAZARDOUS POLYMERIZATION: Will Not Occur

Section V continued on next page

 Section V - Reactivity Data (continued)

CONDITIONS TO AVOID
NONE.

 Section VI - 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.

Section VI continued on next page

Section VI - Health Hazard Data (continued)

TREATMENT FOR INHALATION (BREATHING)
MOVE EXPOSED PERSON TO FRESH AIR AT ONCE.
CONSULT PHYSICIAN.

TREATMENT FOR INGESTION (SWALLOWING)
CONSULT PHYSICIAN.

Section VII - 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
NONE.

Section VIII - 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.

Section VIII continued on next page

Section VIII - Control Measures (continued)
MECHANICAL (GENERAL) VENTILATION NONE.
OTHER VENTILATION NONE.
PROTECTIVE GLOVES GLOVES OPTIONAL.
EYE PROTECTION EYE GOGGLES.
OTHER PROTECTIVE EQUIPMENT N.A.
WORK AND HYGIENIC PRACTICES USE GOOD PERSONAL HYGIENE.