



MATERIAL SAFETY DATA SHEET

SECTION I-IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY UNDERTAKING

MSDS NO:
DATE: 9/4/03

EMERGENCY NO: 1-800-255-3924 (CHEMTEL)
INTERNATIONAL ACCESS CODE +1-813-248-0585

REVISION DATE: 9/8/03

GENERAL INFORMATION NO:(203)-454-1800
MANTROSE-HAEUSER CO.

Supersedes:
PREPARED BY: ELAINE ALTONIAN

PRODUCT NAME: CRYSTALAC 1101 PREMIUM FLAKE

SYNONYMS: Dewaxed Flake Shellac , Dewaxed Orange Flake Shellac, Crystalac 500, 600, 700, 800, 900, 1000 and 1100. Mox 43/Dewaxed Garnet.

CHEMICAL FAMILY: NATURAL RESIN CAS#: 9000-59-3

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION	CAS RN	NOMINAL %	PEL/TLV	HAZARD
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Ingredients are considered non-hazardous..

SECTION III - HAZARDS: (IDENTIFY)

INGESTION: No hazards anticipated from ingestion incidental to industrial exposure.

INHALATION: Vapors are unlikely due to physical properties. Single exposure to dust is not likely to be hazardous.

EYE CONTACT: Mechanical injury only. Flush with water to remove.

SKIN CONTACT: Prolonged or repeated exposure not likely to cause significant skin irritation.

HMIS RATING: 0/1/0

OTHER: Based on available data, repeated exposures are not anticipated to cause any adverse effects.



SECTION IV - FIRST AID MEASURES

FOR OVEREXPOSURE BY:

SWALLOWING: No adverse effects anticipated by this route of exposure.

INHALATION: No adverse effects anticipated by this route of exposure.

CONTACT WITH EYES OR SKIN: Immediately flush affected area with plenty of cool water. Eyes should be flushed for at least 15 minutes. Mechanical effects only.

SECTION V - FIRE FIGHTING MEASURES

Firefighters should wear a self-contained breathing apparatus. Use carbon dioxide, dry chemical or water spray to extinguish.

UNUSUAL FIRE & EXPLOSION HAZARDS: Under certain conditions, a fine dust cloud of this material in air may cause a dust explosion if ignited, as when exposed to heat, sparks or open flame.

NFPA RATING: 1/0/0 (Does not apply to exposure hazards other than during a fire.)

SECTION VI - ACCIDENTAL RELEASE MEASURES

Sweep up and re-use if possible or discard.

SECTION VII - HANDLING & STORAGE

Practice reasonable care and cleanliness. To avoid blocking, store under refrigeration.



SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Measures: Good general ventilation should be sufficient for most conditions.

Respiratory Protection: None should be needed.

Protective clothing: No precautions other than clean body-covering clothing should be needed.

Eye Protection: Use safety glasses.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES:

BOILING POINT: N/A SPECIFIC GRAVITY (H₂O=1): 1.2
MELTING POINT: N/A SOLUBILITY IN WATER: Negligible VAPOR PRESSURE(mm/HG): N/A
EVAPORATION RATE:(Butyl Acetate=1):N/A VAPOR DENSITY (air = 1): N/A
APPEARANCE/COLOR: Yellow granular solid.
pH: N/A FLASH POINT: N/A ODOR: Characteristic shellac odor.
FLAMMABLE LIMITS IN AIR, % BY VOLUME: LOWER : N/A UPPER: N/A
MAX VOC = N/A N/A = Not Applicable

SECTION X - STABILITY AND REACTIVITY

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS/MATERIALS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning in limited oxygen can generate carbon monoxide and carbon dioxide.

SECTION XI - TOXICOLOGICAL INFORMATION

N/A

SECTION XII - ECOLOGICAL INFORMATION

N/A

SECTION XIII - DISPOSAL INFORMATION

Bury in approved landfill in accordance with Federal, State and local regulations.

N/A = Not Applicable



SECTION XIV TRANSPORTATION INFORMATION

DEPARTMENT OF TRANSPORTATION and ICAO/IATA/EUROPEAN

CLASSIFICATION: N/A

PROPER SHIPPING NAME: Gum Shellac

OTHER INFORMATION: N/A

SECTION XV - REGULATORY INFORMATION:

No data

SECTION XVI - OTHER INFORMATION:

Revision Issued to conform to DSD 67/548/EEC , DPD 88/379/EEC and DPD 91/155/EEC.

REVISION LOG:

Date:
9/4/03

Reason:
Origination

Authorized by:
SAS

APPROVED BY : Steve Santos**Dry/Crystalac 1101 Premium Flake**
