

Safety Data Sheets



Orange Shellac in Flakes

Product code: RE-000330

Department: shellac in flakes

C.A.S. : 9000-59-3

Section: 1 Identification

Product Name: Shellac (various grades)
Synonym: Shellac gum, Lac, Lac Resin, Resins, Goma Laca , Gomme Laque.
Chemical Name: Not available
Chemical Formula: Not available

Section: 2 Hazard Identification

Composition:		
Name	CAS#	% by Weight
Shellac	9000-59-3	100

Toxicological Data on Ingredients: Not applicable.

HGS Label Elements

Signal Word**Precautionary Statements**

Not applicable

GHS Classification

The product does not require a hazard warning label in accordance with GHS criteria.

Hazard statements

No known significant effects or critical hazards.

Section: 3 Composition / Information on Ingredients

Classification of the substance or mixture:	GHS Classification in accordance with 29 CFR 1910.1200
OSHA Regulatory Status:	This chemical is not considered Hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Potential Acute Health Effects:	Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.
Potential Chronic Health Effects:	Hazardous in case of skin contact (irritant), of eye contact (irritant).
Carcinogenic Effects:	Not available.
Mutagenic Effects:	Not available.
Teratogenic Effects:	Not available.
Development Toxicity:	Not available.
Target Organs:	Respiratory System

Section: 4 First Aid Measures

Descriptions of First-aid Measure:	
Eye Contact:	Check for and remove any contact lenses. In case of Contact, Immediately flush with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact:	Wash skin with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation occurs.
Serious Skin Contact:	Not available
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Serious Inhalation:	Not available
Ingestion:	Do not induce vomiting unless directed to do so by medical personnel.
Serious Ingestion:	Not available
Most important symptoms and effect, both acute and delayed:	none
Recommendations For immediate medical care and /or special treatment:	none
Notes to physician:	Treat Symptomatically.

Section: 5 Fire Fighting Measures

Extinguishing Media:	
Suitable extinguishing media:	Dry Chemical, CO2 or water spray.
Unsuitable extinguishing media:	None
Flash Point:	Not available
Flammable Limits:	Not available
Flammability of the product:	May be combustible at high temperature.
Auto-Ignition Temperature:	Not available.
Products of combustion:	Not available.
Fire Hazards in Presence of Various Substances:	Slightly flammable to flammable in presence of heat. Non-flammable in Presence of shocks.
Explosion Hazardous in Presence of Various Substances:	Risks of explosion of the product in presence of mechanical impact. Not available. Slightly explosive in presence of open flames and sparks.
Fire Fighting Media and Instruction:	
SMALL FIRE:	Use dry chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Special Remarks on Fire Hazards:	When heated to decomposition it emits acid smoke and fumes.
Special Remarks on Explosion Hazards:	Fine dust dispersed in air in sufficient concentration, and in the presence of an ignition source is a potential dust explosion hazard.
Advice for firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section: 6 Accidental Release Measures

Personal Precautions, Protective equipment and Emergency Procedures:	No information available. See section 8 for Personal Precautionary Measures.
Environmental Precautions:	No information available, See section 12 for additional Ecological information.
Methods and Materials for containment and Cleaning up:	
Method of containment:	No information available.
Method of cleaning up:	Sweep up and re-use if possible or discard.
Small spill:	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill:	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system. Be careful that the product is not present at a concentration level above TLV.

Section: 7 Handling And Storage

Handling:	Ensure an eye bath and safety shower are available and ready to use. Do not use at speeds greater than product was made to be used. Use in well-ventilated Area.
Precautions:	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.
Storage:	Keep container tightly closed. Keep container in cool, well-ventilated area. Protect against physical damage. Store away from incompatible materials as listed in section 10. Keep out of direct sunlight. See ANSI B7.1,2,3. This product is not classified dangerous for transport.
Container:	Store in original packaging as approved by manufacturer.

Section: 8 Exposure Control/Personal Protection

Respiratory Protection:	It is usually safe to use a dust mask. The fine powdered shellac create more dust than the flake Variety.
Skin Protection:	Not normally necessary.
Eye Protection:	Not normally necessary.
Hearing Protection:	Not normally necessary.
Hygiene measures:	See section 7 for more information.
Personal Protection:	Safety glasses. Lab coat. Dust respirator. Be sure to use an approval/certified respirator or equivalent gloves.
Exposure Limits:	TWA: 10(mg/m3) [Canada] Inhalation Total, TWA: 15 (mg/m3) from OSHA (PEL) [United States] Inhalation Total. TWA: 5 (mg/m3) from OSHA (PEL) [United States] Inhalation Repairable.

Consult local authorities for acceptable exposure limits.

Section: 9 Physical and Chemical Properties

Physical state and appearance:	solid. (flakes)
Odor:	Odorless.
Taste:	Not available
Molecular Weight:	Not available
Color:	Pale Yellow to garnet
pH (1% soln/water):	Not available
Boiling Point:	Not available
Melting Point:	750C (1670F)
Critical Temperature:	Not available
Specific Gravity:	1.035 – 1.140 (Water=1)
Vapor pressure:	Not available
Vapor Density:	Not available
Volatility:	Not available
Odor Threshold:	Not available
Water/oil Dist. Coeff. :	Not available
Lonicity (in Water) :	Not available
Dispersion Properties:	Not available
Solubility:	Not available

Section: 10 Stability And Reactivity

Stability (Conditions to Avoid):	The product is stable.
Instability Temperature:	Not available
Conditions of Instability:	Excessive heat, ignition sources (flames, sparks, etc)
Incompatibility with various substances:	Not available.
Corrosives:	Non-corrosive in presence of glass.
Special Remarks on Reactivity:	No specific information available.
Special Remarks on Corrosives:	Not available
Polymerization:	Will not occur

Section: 11 Toxicological Information

Routes of entry:	Inhalation. Ingestion.
LD50:	Not available.
LC50:	Not available.
Chronic Effects on Humans:	Not available

Other Toxic Effects on Humans:	Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.
Special Remarks on Toxicity to Animals:	Not available
Special Remarks on Chronic Effects on Humans:	Not available
Special Remarks on other toxic Effects on Humans:	
Potential Health Effects:	
Skin and eye:	Dust may cause moderate skin or eye irritation with repeated or prolonged contact.
Inhalation:	nuisance dust. May cause respiratory tract irritation.
Ingestion:	May cause gastrointestinal tract irritation.

The toxicological properties are the substances have not been fully investigated.

Section: 12 Ecological Information

Ecotoxicity:	Not available, 100% of Mixture consists of components(s) of unknown hazards to the aquatic environment.
BOD5 and COD:	Not available
Mobility in soil:	No information available.
Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation:	Not available
Special remarks on the Products of biodegradation:	Not available

Section: 13 Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environment control regulations.

Special Precautions for Land fill: Contact a specialist disposal company or the local waste regulator for advice. Normally suitable for disposal at approved land site area.

Section: 14 Transport Information

DOT:	Not Regulated
MEX:	Not Regulated
IMDG:	Not Regulated
IATA:	Not Regulated
Identification:	NOT applicable.
Special Provision for Transport:	NOT applicable. This product can be transported by Air, Road or rail.

Section: 15 Regulatory Information

This product does not contain and was not manufactured with any Ozone Depleting Chemicals.

National & Regional Inventories:

AICS:	Complies
DSL:	Complies
NDSL:	Complies
IECSC:	Complies
EINECS:	Complies
REACH:	Complies
ENCS\METI:	Complies
KECL:	Complies
EHS Register:	Complies
NZIOC:	Complies
PICCS:	Complies
Giftliste 1:	Complies
Inventory of notified substance:	Complies

NCSR: Complies
TSCA: Complies
SARA: This product is not subject to SARA 313 reporting.

Section: 16 Other Information

Reference Manufacturer's material safety data sheet.
Prepared by Kama pigments

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