

MATERIAL SAFETY DATA SHEET



SuperCera® Jewelry Casting Wax Red, Green, Gold, Orange, Aqua and other colors

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1	FIRE HAZARD	HAZARD KEY 4 - SEVERE 3 - SERIOUS 2 - MODERATE 1 - SLIGHT 0 - MINIMAL
0	HEALTH HAZARD	
0	REACTIVITY	

SECTION I - MATERIAL IDENTIFICATION AND INFORMATION

Chemical Name and Synonyms: Investment Casting Wax

Chemical Family: Petroleum waxes and polymer Blend
Components - Chemical Name & Common Names
(Hazardous Components 1% or greater, Carcinogens 0.1% or greater) Hazardous

Ingredients: 0%
This product is not a hazardous chemical as defined by OSHA Hazard Communication Standard CFR Title 29.1910.1200. Exact composition is a trade secret as defined by Standard 1910.1200. Details available to qualified medical personnel in emergency situations.

Non-Hazardous Ingredients: Waxes (paraffin & vegetable) Hydrocarbon resins 100%

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Melting Point: 58 - 80°C

Vapor Pressure (mm Hg and Temperature): N/A

Vapor Density (Air = 1): N/A

<u>Evaporation Rate (___ = 1) :</u>	N/A
<u>Solubility In Water:</u>	Insoluble
<u>Specific Gravity (H2O = 1):</u>	0.92 to 0.98
<u>Appearance and Odor:</u>	Red, Green, Gold, Orange, Aqua, other colors. Solid blocks, pellets and / or flakes. Slight odor.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

<u>Flash Point and Method Used:</u>	420° F (C. O. C.) SC-2 Extinguished Media: Foam, CO2 and Dry Chemical
<u>Unusual Fire and Explosion Hazards:</u>	Minimize breathing wax fumes.
<u>Special Fire Fighting Procedures:</u>	Do not use water unless as a fog.

SECTION 4 - REACTIVITY HAZARD DATA

<u>Stability:</u>	Stable
<u>Conditions To Avoid:</u>	Direct contact with open flame.
<u>Incompatibility (Materials to Avoid):</u>	Strong oxidizing agents.
<u>Hazardous Decomposition Products:</u>	Primarily CO and CO2 on combustion.
<u>Hazardous Polymerization:</u>	Will Not Occur
<u>Conditions To Avoid:</u>	None Known

SECTION 5 - HEALTH HAZARD DATA

<u>Eye Contact:</u>	Molten wax fumes may be slightly irritating to the eyes.
<u>Skin Contact:</u>	Molten wax will cause burns on contact with skin.
<u>Inhalation:</u>	Molten wax fumes may cause mild (upper) respiratory irritations.
<u>Ingestion:</u>	No specific information identified.
<u>Signs and Symptoms of Exposure:</u>	Irritations as noted above.

Other Medical

Effects:

None Known.

***EMERGENCY FIRST
AID PROCEDURES***

Eye Contact:

Flush eyes with water for 15 minutes. Seek medical attention.

Skin Contact:

If hot wax strikes skin, drench or immerse the area in cold water to assist cooling.
Do not try to remove wax from burn.
Seek medical attention. If solid wax contacts skin, wash with soapy water.

Inhalation:

Remove victim to fresh air. Seek medical attention.

Ingestion:

Consult medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection

(Specify Type):

None should be needed but for fumes.

VENTILATION

Local exhaust:

Fan for fumes if needed.

Special Local Exhaust:

None needed.

Mechanical Ventilation:

Fan for fumes with velocity >60 CFM.

Other Ventilation:

None needed.

Protective Gloves:

Recommended around molten material.

Eye Protection:

Recommended around molten material.

Other Protective

Equipment:

As seen fit.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Precautions to be Taken in Handling and Storage: Avoid skin contact with hot material.
Minimize breathing wax fumes. Other Precautions and/or Special Hazards: Store away
from heat, flame and direct sunlight.