

MATERIAL SAFETY DATA SHEET

Date prepared: September 12, 1995

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1. **IDENTIFICATION AND USE**

Product Name: MATT CARVING WAX

(Ring Tubes - Bars - Blocks - Pellets) For Jewelry Modeling.

2. **CHEMICAL/SYNONYMS**

Petroleum Wax Blend (Polyethylene)

3. **HAZARDOUS COMPONENTS**

OSHA (USA) hazardous chemical(s) according to 29 CFR 1910.1200: NONE.

WHMIS (Canada) controlled material(s): NONE.

Material(s) known to the State of California (USA) to cause cancer: NONE.

Material(s) known to the State of California (USA) to cause adverse reproductive effects: NONE.

4. **HEALTH HAZARD DATA**

Inhalation: Molten wax fumes may cause mild respiratory irritation.

Eyes: No specific hazards known. However molten wax fumes may cause irritation to the eyes.

Skin: Molten wax will produce thermal burns.

Ingestion: Expected to be a low ingestion hazard.

5. **FIRST AID**

Inhalation: If symptomatic, remove to fresh air and get medical attention if symptoms persist.

Eyes: Any material that contacts the eye should be washed out immediately and medical attention obtained if symptoms persist.

Skin: If burned by contact with molten wax, cool as quickly as possible with water, and see physician for treatment of burn.

Note to Physicians: Burns should be treated as thermal burns. The wax will come off as healing occurs; therefore, immediate removal from skin is not necessary.

Ingestion: Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary.

6. **PREVENTIVE MEASURES, VENTILATION, AND PERSONAL PROTECTION**

Preventive Measure: None should be needed under anticipated condition of use.

NOTE: The following recommendations for personal protection are for industrial handling of molten wax.

Ventilation: Good ventilation (typically ten (10) air changes per hour) should be sufficient to control airborne levels.

Respiratory Protection:

An approved respirator should be worn if needed. Respirator type: dust & fumes.

Eye Protection: Safety glasses with side shields (or goggles) are recommended.

Hand Protection: Wear gloves to protect against thermal burns.

7. **FIRE FIGHTING MEASURES**

Extinguishing Media: Water spray, dry chemical

Hazardous Combustion Products: carbon dioxide, carbon monoxide.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

8. **STABILITY AND REACTIVITY**

Stability: Stable

Incompatibility: Material can react with strong oxidizing agents.

Hazardous

Polymerization: Will not occur

9. **ACCIDENTAL RELEASE MEASURE**

Sweep or scoop up and remove.

10. **DISPOSAL CONSIDERATIONS**

Discharge, treatment, or disposal may be subject to national, state or local laws. Incinerate.

11. **ECOLOGICAL INFORMATION**

This material has not been tested for environmental effect. It is a high molecular weight polymer with a very low water solubility. As such, it is expected to have a low biochemical oxygen demand and to cause essentially no oxygen depletion in aquatic systems. It is expected to have a low potential to affect aquatic organisms, secondary waste treatment microorganisms, and the germination and early growth of plants. It is expected to be nonbiodegradable and unlikely to bioconcentrate. In a spill situation, it is not expected to cause any adverse environmental effects.

(Regulatory document provided by the manufacturer of the components used in the Matt Waxes blends.)

12. REGULATORY INFORMATION

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communications Standard 29 CFR 1910.1200.

- OSHA hazardous chemical(s): None.
- California Proposition 65 (Safe Drinking Water and Toxic Enforcement act of 1986): material(s) known to the State to cause cancer: None.
- California Proposition 65 (Safe Drinking Water and Toxic Enforcement act of 1986): material(s) known to the State to cause adverse reproductive effects: None.
- Massachusetts Substance List: None.
- New Jersey Workplace Hazardous Substance List: None.
- Pennsylvania Hazardous Substance List: None.

This document has been prepared in accordance with the MSDS requirements of the WHMIS Controlled Products Regulation.

- WHMIS (Canada) Ingredients Disclosure List: None.
- WHMIS (Canada) Status: Noncontrolled.

Carcinogenicity Classification (components present at 0.1% or more):

- International Agency for Research on Cancer (IARC): not listed.
- American Conference of Governmental Industrial Hygienists (ACGIH): not listed.
- National Toxicology Program (NTP): not listed.
- Occupational Safety and Health Administration (OSHA): not listed.
- Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: None.
- SARA (USA) Sections 311 and 312 hazard classification(s): not applicable.
- US Toxic Substances Control Act (TSCA): This product is listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
- Canadian Environmental Protection Act (CEPA) and Domestic Substances List (DSL): This product is listed on the DSL or otherwise complies with CEPA new substance notification requirements.
- European Inventory of Existing Commercial Chemical Substances (EINECS): Any polymer intentionally present in this product has regulatory clearance under Directives of the European Union.
- Australian Inventory of Chemical Substances (AICS) and National Industrial Chemicals Notification and Assessment Scheme (NICNAS): This product is listed on AICS or otherwise complies with NICNAS.
- Japanese Handbook of Existing and New Chemical Substances: This product is listed in the Handbook or has been approved in Japan by new substance notification.

The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider this data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.