

SAFETY DATA SHEET

Conforms with OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



Product: Casting Wax

Revision Date: 11/11/2015

SECTION 1 - IDENTIFICATION

Product Identifier

Product Name: Casting Wax

Product Code: 150-57980

Recommended Use of the Chemical and Restrictions on Use

Recommended Use: A dental wax used for making a pattern to determine the shape of metal castings.

Restrictions on Use: Use only as directed.

Details of the Supplier

Manufactured for: Integra York PA, Inc.
589 Davies Dr.
York, PA 17402 USA
1-866-854-8300

Emergency Phone Number

24-Hour Number: 1-800-535-5053

International: 1-352-323-3500

SECTION 2 – HAZARDS IDENTIFICATION

Classification

Hazard Class: Not a hazardous substance or mixture

Label Elements

Hazard Symbols(s): Not a hazardous substance or mixture

Signal Word(s): Not a hazardous substance or mixture

Hazard Statement(s): Not applicable.

Precautionary Statements: Not applicable.

Other Hazards

Reference section #7, Precautions for Safe Handling.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Mixture:

Proprietary mixture of waxes.

No ingredients are hazardous according to OSHA criteria.

No components need to be disclosed according to the applicable regulations.

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SECTION 4 – FIRST AID MEASURES

First Aid Measures

Inhalation: Move person to fresh air. If not breathing, give artificial respiration.

Skin: Wash off with soap and plenty of water.

Eye Contact: Flush eyes with water as a precaution.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most Important Symptoms and Effects (Acute and Delayed)

The most important known symptoms and effects are described in section #2 and in section #11.

Indication of any Immediate Medical Attention and Special Treatment Needed

No data available.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable: None specified.

Specific Hazards Arising from Chemical

Nature of decomposition products not known.

Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section #8.

Environmental Precautions: Do not let product enter drains.

Methods and Material for Containment and Cleaning Up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7 – HANDLING AND STORAGE

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Precautions for Safe Handling

Use normal precautions when handling hot molten liquid solutions. Do not breathe fumes or vapor from heated material. Do not allow hot material to contact skin. Provide appropriate exhaust ventilation at places where dust is formed. Try to avoid creating dust.

Conditions for Safe Storage, Including any Incompatibilities

Store at ambient temperatures in closed containers. This material can catch fire if overheated. Do not heat this material above the flash point. Keep away from flame and open electrical coils. No chemical incompatibilities.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Control Parameters

Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH REL
Paraffin Wax Fume	2mg/m ³	Not Specified	2mg/m ³

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits (see above). An eye wash station and safety shower should be located near the workstation.

Individual Protection Measures

Eye/Face Protection: Use a full-face shield and safety glasses if handling heated material. With product at ambient temperatures, use safety glasses equipped with side shields.

Skin and Body Protection:

Hand Protection: When handling product at elevated temperatures, use heat-resistant gloves. With product at ambient temperatures, use disposable nitrile, neoprene or butyl rubber gloves for repeated or prolonged use.

Body Protection: Prevent skin contact when handling heated material. Use insulated, heat resistant clothing such as apron or slicker suit.

Respiratory Protection: The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used..

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

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General Work/Hygienic Practices: Avoid breathing dust, vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Green solid

Odor: Mild

Odor threshold: No data available.

pH: No data available.

Melting point/freezing point: No data available.

Ring and Ball Softening Point: 170°F

VOC Content: 0

Initial boiling point and boiling range: No data available.

Flash point: 465°F (240°C)

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Upper/lower flammability or explosive limits: No data available.

Vapor pressure: No data available.

Vapor density: No data available.

Relative density (g/cc): 0.9 ± 0.05

Water Solubility: Insoluble.

Partition coefficient (n-octanol/water): No data available.

Auto-ignition temperature: No data available.

Decomposition temperature: No data available.

Viscosity: No data available.

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: None.

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Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: None.

Conditions to avoid: Heat and open flames.

Incompatible materials: None.

Hazardous decomposition products: Thermal oxidative decomposition can produce CO and CO₂.

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Acute toxicity: No data available.

Inhalation: No data available.

Dermal: No data available.

Skin corrosion/irritation: No data available.

Serious eye damage/eye irritation: No data available.

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity:

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.

OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

Reproductive: toxicity No data available.

Specific target organ toxicity- single exposure: No data available.

Specific target organ toxicity- repeated exposure: No data available.

Aspiration hazard: No data available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Persistence and degradability: No data available.

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Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT & vPvB assessment: No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Use safety containers for disposal. Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT: Not regulated.

TDG: Not regulated.

IMDG: Not regulated.

IATA: Not regulated.

SECTION 15 – REGULATORY INFORMATION

US Federal Regulations

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed

RCRA Hazardous Waste Classification (40 CFR 261): Not classified

CERCLA Hazardous Substance (40 CFR 302.4): Listed/unlisted specific per RCRA Sec. 3001

SARA 311/312 Codes: No hazard categories identified

SARA Toxic Chemical (40 CFR 372.65): No components were identified

TSCA Inventory Status: All ingredients listed on TSCA inventory requirements

State Regulations

This product is not known to contain any components for which the State of California has found to cause cancer, birth defects or other reproductive harm.

SECTION 16 – OTHER INFORMATION

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