

1. Chemical Product and Company Identification

Polytek Development Corp., 55 Hilton St., Easton, PA 18042, 610/559-8620

Product Name: **POLY WAX 15 AND POLY SKIN-WAX**

Chemical Family: Paraffin

2. Hazardous Constituents

Hazardous Ingredient/CAS

Exposure Limits

Paraffin wax fumes
(Only applicable upon heating)

ACGIH TWA 2 mg/m³

3. Health Hazards

WARNING: Molten Poly Wax 15 and Poly Skin-Wax can cause severe burns and ignites easily. Exercise extreme caution when working with molten products.

PRIMARY ROUTE(S) OF ENTRY: For molten material – skin and eye contact.

EYE: Molten material causes thermal burns. Small pieces of room temperature material in the eye may cause mechanical irritation.

SKIN: Molten material causes thermal burns.

INGESTION: Not a likely route of exposure.

INHALATION: Vapors from molten material may cause respiratory irritation.

CHRONIC EFFECTS: None known.

CARCINOGENICITY: Not designated as a carcinogen by NTP, IARC, or OSHA.

4. First Aid Measures

EYE CONTACT: Flush with water for 15 minutes. Seek medical attention if irritation persists or if contact is with molten material.

SKIN CONTACT: Wash with soap and plenty of warm water. If skin is burned, seek medical attention.

INHALATION: Remove to fresh air. Treat symptoms. Seek medical attention if symptoms persist.

INGESTION: Not expected to be harmful. Never give fluids or induce vomiting if victim is unconscious.

5. Fire Fighting Measures

FLASH POINT: >375°F (estimated)

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foams, or fine water spray. Avoid water stream on molten burning material as it may scatter and spread flames.

HAZARDOUS COMBUSTION PRODUCTS: Likely to include carbon monoxide, carbon dioxide, and unidentified toxic and irritating compounds.

OTHER INFORMATION: Firefighters wear SCBA. Cool fire exposed containers with water spray.

6. Accidental Release Measures

Use caution – spilled material may make floors slippery. For molten material: Clear non-emergency personnel from the area. Extinguish sources of ignition. Put on protective equipment (see Sect. 8). Contain spill and let material cool to solidify. Collect and containerize material.

7. Handling and Storage

HANDLING: Use in adequately ventilated area when working with molten material. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke in work area. Wash hands after handling. See also Section 8 of MSDS.

STORAGE: Store indoors at temperatures <80°F. Do not store near strong oxidizing agents.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Provide general and/or local exhaust for molten materials.

PERSONAL PROTECTIVE EQUIPMENT: Wear eye protection (e.g., chemical splash goggles) and insulated gloves.

RESPIRATORY PROTECTION: If ventilation is not adequate, use a NIOSH-approved respirator with organic vapor cartridges. In an emergency, use SCBA.

9. Physical Characteristics

APPEARANCE: White solid @ 25°C

ODOR: Waxy

SOLUBILITY IN WATER: Insoluble

pH: Not applicable

BOILING POINT: > 500°F (est.)

MELTING POINT: Approx. 125°F

VAPOR PRESS: Not determined

SPECIFIC GRAVITY:

Poly Wax 15 is 1.4 @ 25°C

Poly Skin-Wax is 0.9 @ 25°C

10. Stability and Reactivity

CONDITIONS TO AVOID: Normally stable, but avoid high temperatures and flames.

INCOMPATIBILITY WITH OTHER MATERIALS: Avoid contact with strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: May include carbon monoxide, carbon dioxide, and unidentified toxic and irritating compounds.

11. Regulatory and Other Information

COMMUNITY RIGHT-TO-KNOW: This product does not contain any compounds above the de minimis reporting levels subject to SARA Section 313 reporting requirements.

DISPOSAL: Upon disposal, this product is not a listed or characteristic RCRA hazardous waste as defined in 40 CFR 261. Dispose of in accordance with state and local regulations.

TRANSPORT: Not a hazardous material for shipping purposes based on *United Nations Recommendations for the Transport of Dangerous Goods* and 49 CFR Part 171.

EMERGENCY SHIPPING INFORMATION: Call CHEMTREC, 800/424-9300.

HMS RATING: Health-1; Flammability-1; Reactivity-0

MSDS REVISION INDICATOR: Revised format.

DISCLAIMER: The information contained herein is considered accurate; however, Polytek makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.