

1. Identification

Product Identifier: **Poly Wax 15
Poly Skin-Wax**

Product Code(s): WAX15, SKINWAX

Use: Wax for mold making and casting. For Industrial/Professional use only.

Manufacturer: Polytek Development Corp.
55 Hilton St., Easton, PA 18042

Phone Number: 610-559-8620 (9 a.m. to 5 p.m. EST)

Emergency Phone: CHEMTREC 800-424-9300 or
+1 (703) 527-3887

E-mail: sds@polytek.com

2. Hazards Identification

GHS Classification: Not hazardous under GHS.

Label Elements: Not hazardous under GHS.

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

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Ingredients are not classified as health and/or environmental hazards, and/or are present below cut-off/concentration limits.		

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Get medical attention if irritation persists.

Skin Contact: Wash contact area thoroughly with soap and water. Get medical attention if irritation develops.

Inhalation: If breathing is difficult, remove person to fresh air and keep comfortable. If experiencing respiratory symptoms: Call a doctor.

Ingestion: If swallowed, rinse mouth. Drink water. Induce vomiting only with medical supervision.

Most Important Symptoms/Effects: None.

Indication of Immediate Medical Attention/Special Treatment: Not expected to be required.

5. Fire-Fighting Measures

Extinguishing Media: Carbon dioxide, dry chemical, foams, or water spray.

Specific Hazards: Not classified as flammable or combustible. May generate toxic/irritating compounds and dense smoke in fire conditions.

Special Protective Equipment and Precautions for Fire-Fighters: Wear SCBA & full-body protective suit. Cool hot containers with water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Remove ignition sources. Clear non-emergency personnel from the area.

Methods and Materials for Containment and Cleanup: Contain spill and prevent/minimize release to the environment.

7. Handling and Storage

Safe Handling: Use molten products in well-ventilated area. For molten form, avoid contact with eyes, skin and clothing. Do not eat, drink or smoke in work area. Wash hands after handling. See Section 8.

Safe Storage: Store indoors at temperatures between 60 and 95°F.

8. Exposure Controls/Personal Protection

Exposure Limits: For melted Poly Wax 15 and Poly Skin-Wax, the following voluntary ACGIH TLV exposure limit may apply:
Paraffin wax fumes: 2 mg/m³, TWA

Engineering Controls: For molten forms of product, provide general or local exhaust to minimize airborne concentrations.

Personal Protective Equipment: For molten forms of product, wear chemical safety glasses and gloves to protect from thermal hazard. Respiratory protection is not typically needed when using this product.

Other Protective Measures: None.

9. Physical and Chemical Properties

Appearance: White solid

Odor: Waxy

Odor Threshold: No data available

pH: Not applicable

Melting Point: ~125°F

Boiling Point: >500°F (estimated)

Flash Point: 375°F (estimated)

Evap. Rate: No data available

Flamm. Limits: No data available

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Relative Density: Poly Wax 15 - 1.4, Poly Skin-Wax - 0.9 @ 25°C

Solubility: Insoluble in water

Partition Coefficient: n-octanol/Water: No data available

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

Viscosity: Not applicable for solid

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable.

Possibility of Hazardous Reactions: No data available.

Conditions to Avoid: Excessive heat.

Incompatible Materials: Strong acids and bases.

Hazardous Decomposition Products: Thermal decomposition generates oxides of carbon.

11. Toxicological Information

Eye Contact: May cause mild irritation.

Skin Contact: Molten forms of product may cause skin irritation or burns.

Inhalation: Molten forms of product may cause mild respiratory irritation. Individuals with asthma and/or bronchitis may be more susceptible to developing symptoms upon exposure.

Ingestion: Single oral dose toxicity is low. Large amounts may cause gastrointestinal effects. No other data available.

Chronic Health Effects: None known.

Acute Toxicity Values: No data available.

Germ Cell Mutagenicity: Components are not known mutagens.

Carcinogenicity: Components are not listed as known or suspected carcinogens by NTP, IARC or OSHA.

Reproductive Toxicity: Components are not known or suspected reproductive toxins.

Specific Target Organ Toxicity: Components are not known or suspected specific target organ toxins upon single or repeat exposure.

12. Ecological Information

Ecotoxicity: Not expected to be dangerous to aquatic organisms.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Dispose according to local, regional and national regulations.

For U.S.: Upon disposal, this product is not RCRA hazardous waste (per 40 CFR 261).

14. Transport Information

Not regulated for transport in any mode.

Emergency Shipping Information: Call CHEMTREC, 800-424-9300 or +1-703-527-3887

15. Regulatory Information

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: Not subject to reporting under CERCLA.

SARA TITLE III:

Hazard Category for Section 311/312: Not Hazardous

Section 313 Toxic Chemicals: Contains no chemicals subject to SARA Title III Section 313 Reporting requirements.

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: Components are listed on TSCA.

STATE REGULATIONS:

California Proposition 65: This product does not contain substances known to the State of California to cause cancer and/or reproductive harm.

16. Other Information

Training Advice: All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: This product is intended for industrial or professional use only.

SDS Revision Notes: Minor revisions throughout, Jan. 28, 2016.
Supersedes SDS dated Aug. 20, 2014.

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.