

1. Chemical Product and Company Identification

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

Product Name: **POL-EASE 2650 MOLD RELEASE**
Chemical Family: Mineral oil

2. Hazardous Constituents

<u>Ingredient/CAS #</u>	<u>Exposure Limits</u>
Mineral oil, 8042-47-5	OSHA PEL 5 mg/m ³ TWA* ACGIH 5 mg/m ³ TWA

* PEL for "oil mist."

3. Health Hazards

PRIMARY ROUTE(S) OF ENTRY: Inhalation, skin or eye contact

EYE: May cause slight eye irritation including stinging, irritation or redness.

SKIN: May cause mild irritation.

INGESTION: Swallowing small amounts during normal handling is not likely to cause harmful effects (> 1tsp may cause laxative effect). If this liquid is swallowed, aspiration into the lungs may result in chemical pneumonitis.

INHALATION: Not expected to be a hazard during normal use. However, small amounts aspirated into the lungs may cause pulmonary injury.

CARCINOGENICITY: To the best of our knowledge, this product does not contain constituents at concentrations exceeding 0.1% that are listed as carcinogens by IARC, NTP, or OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None

4. First Aid Measures

EYE CONTACT: Move to fresh air. Flush with water for 15 minutes. Seek medical attention if irritation persists.

SKIN CONTACT: Remove contaminated clothing. Wash thoroughly with soap and warm water. If symptoms develop, seek medical attention.

INHALATION: Remove to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Seek medical attention.

INGESTION: Aspiration hazard: do not induce vomiting or give anything by mouth because this material can enter the lungs and cause lung damage. A medical professional must weigh aspiration hazard against oral toxicity when deciding whether to induce vomiting.

5. Fire Fighting Measures

FLASHPOINT: $\geq 309^{\circ}\text{F}$ Slightly Combustible Liquid.

FIRE HAZARDS: Do not use near ignition source, spark, or open flame. Never use welding or cutting torch on or near drum.

EXTINGUISHING MEDIA: CO₂, dry chemical, or foam; use water to keep containers cool.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, aldehydes, and other potentially toxic and irritating compounds.

OTHER INFORMATION: Firefighters wear SCBA and full-body protective suit.

6. Accidental Release Measures

Extinguish sources of ignition. Stop or reduce discharge if it can be done safely. Contain spill to minimize environmental contamination. Absorb spill with inert absorbent and place in container for disposal. Dispose of in accordance with regulations.

7. Handling and Storage

HANDLING: Avoid breathing vapor and avoid prolonged and repeated contact with skin. Use in well-ventilated area. Do not eat, drink or smoke in work area; wash hands before undertaking these activities.

STORAGE: Store in a cool, dry, well ventilated area. Keep away from ignition sources. Keep from freezing.

DISPOSAL: Dispose according to federal, state and local regulations.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Provide general and/or local exhaust to maintain airborne concentrations below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT: Use safety glasses, and chemical-resistant gloves.

RESPIRATORY PROTECTION: Respiratory protection is not normally needed unless product is heated or sprayed. If elevated airborne concentrations are anticipated, use a use NIOSH-approved respirator with dust/mist prefilters.

9. Physical Characteristics

APPEARANCE: Colorless liquid

ODOR: Odorless

SOLUBILITY IN WATER: Dispersible

VAPOR DENSITY: >1 (air = 1)

VISCOSITY: 13 cSt @ 40°C

VAPOR PRESS.: <1 mm Hg @ 68°F

EVAP. RATE: >1 (butyl acetate =1)

SPECIFIC GRAVITY: 0.84 @ 70°F

BOILING POINT: Not determined

10. Stability and Reactivity

CONDITIONS TO AVOID: Ignition sources, open flames, and extreme heat.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, aldehydes, and other potentially 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 material is not a RCRA hazardous wastes (per 40 CFR 261). Dispose of in accordance with federal, 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: Minor changes throughout.

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.