

1. Chemical Product and Company Identification

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

Product Name: **POL-EASE 2350 MOLD RELEASE**

Chemical Family: Petroleum Distillate

2. Hazardous Constituents

<u>Ingredient/CAS #</u>	<u>Exposure Limits</u>
Petroleum distillate / 8052-41-3	OSHA PEL 500 ppm ACGIH TLV 100 ppm TWA

3. Health Hazards

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

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

SKIN: Prolonged or repeated contact can cause irritation and dermatitis.

INGESTION: May cause burning sensation, vomiting, diarrhea and drowsiness. Small amounts aspirated into the lungs may cause pulmonary edema.

INHALATION: Vapors may be irritating to nose, throat and respiratory tract, and may cause headaches, dizziness and other central nervous system effects.

SYMPTOMS OF OVEREXPOSURE: Symptoms noted above and intoxicating effect.

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.

4. First Aid Measures

EYE CONTACT: Flush with water for 15 minutes. Seek medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash thoroughly with soap and warm water.

INHALATION: Remove to fresh air.

INGESTION: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause lung damage. Seek medical attention.

5. Fire Fighting Measures

FLASH POINT: ≥ 109 °F

FIRE HAZARDS: Do not use near ignition source, spark, or open flame. Vapors confined in a poorly ventilated area may be ignited by a spark or flame. Vapor may travel long distances to a source of ignition. Vapors are heavier than air and may accumulate in low areas. Containers may rupture or explode under fire conditions. Materials can accumulate static which can cause a spark.

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

HAZARDOUS COMBUSTION PRODUCTS: See Section 10.

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

6. Accidental Release Measures

Evacuate area until vapor has dispersed. Extinguish sources of ignition. Stop or reduce discharge if it can be done safely. Contain spill to minimize environmental contamination. Absorb material 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. If area is not adequately ventilated, use respiratory protective equipment. 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.

DISPOSAL: Dispose according to federal, state and local regulations. "Empty" containers may contain residual product.

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: If engineering controls are not adequate to maintain air concentrations below exposure limits, use NIOSH-approved respirator.

9. Physical Characteristics

APPEARANCE: Clear liquid

ODOR: Petroleum odor

SOLUBILITY IN WATER: Insoluble

VAPOR DENSITY: 4.76 (air = 1)

VISCOSITY: 1.3 cSt @ 77 °F (estimated)

VAPOR PRESSURE: 2.0 mm Hg @ 68°F

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

SPECIFIC GRAVITY: 0.8 @ 70°F

BOILING POINT: Approx. 300°F

10. Stability and Reactivity

CONDITIONS TO AVOID: Ignition sources, open flames, and temperatures >109 °F.

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 may be a RCRA hazardous waste (per 40 CFR 261; possibly ignitable D001 waste). Dispose of in accordance with federal, state and local regulations.

TRANSPORT: Petroleum distillate, n.o.s., 3, UN1268, III (Not regulated for domestic ground)

CA PROP. 65: "WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm." (Possibly traces of benzene and toluene.)

HMIS RATING: Health-2, Flammability-2, Reactivity-1

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

MSDS REVISION INDICATOR: Minor format changes.

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.