

1. Identification

Product Identifier: **Pol-Ease® 2350 Release Agent**
Product Code(s): 2350
Use: Release agent 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:**

Carcinogenicity Category 1B
Germ Cell Mutagenicity Category 1B
Aspiration Category 1

Label Elements: Danger

**Hazard Phrases**

H304 May be fatal if swallowed and enters airways.
H340 May cause genetic defects.
H351 May cause cancer.

Precautionary Phrases

P202 Do not handle until all safety precautions have been read and understood.
P281 Wear personal protective equipment as required.
P301 + 310 IF SWALLOWED: Immediately call a poison center or doctor.
P308+313 IF exposed or concerned: Get medical attention.
P331 Do NOT induce vomiting.
P403+235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents and container to licensed, permitted incinerator, or other thermal destruction device in accordance with local and national regulations.

Other Hazards: May cause eye irritation. Repeated or prolonged contact may cause skin irritation or dermatitis. Vapors may be irritating to the respiratory tract, and may cause headaches, dizziness and other central nervous system effects (e.g., loss of coordination, and fatigue).

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Petroleum distillates	8052-41-3	95
White petrolatum	8009-03-8	15

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water for at least 15 minutes, holding the eyelids open to be sure the material is washed out. Get prompt medical attention.

Skin Contact: Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation or symptoms of exposure develop.

Inhalation: Remove person to fresh air. Get medical attention if symptoms persist.

Ingestion: Do not induce vomiting. Get medical attention.

Most Important Symptoms/Effects: Not data available.

Indication of Immediate Medical Attention/Special Treatment: No data available.

5. Fire-Fighting Measures

Extinguishing Media: Use foam, dry chemical or carbon dioxide.

Specific Hazards: None known.

Special Protective Equipment & Precautions for Fire-Fighters: Wear positive pressure, self-contained breathing apparatus and full-body protective clothing.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency

Procedures: Remove all ignition sources. Use non-sparking tools. Wear gloves and safety glasses.

Methods and Materials for Containment and Cleanup: Cover with an inert absorbent material and collect into an appropriate container for disposal.

7. Handling and Storage

Safe Handling: Keep away from heat, sparks, open flames and hot surfaces. No smoking. Avoid breathing vapors, aerosols and mists. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in the work area.

Safe Storage: Store in a cool, dry area. Keep away from ignition sources. Keep container closed when not in use.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: Petroleum distillate, 8052-41-3: OSHA PEL 500 ppm TWA and ACGIH TLV 100 ppm TWA.

Ventilation: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Respiratory Protection: If needed, an approved respirator with organic vapor cartridges may be used. Respirator selection and use should be based on contaminant type, form and concentration. For higher exposures or in an emergency, use a supplied-air respirator.

Skin Protection: Wear impervious gloves, such as butyl rubber or nitrile rubber.

Eye Protection: Wear safety glasses or goggles.

Other Protective Measures: An eye wash facility and washing facility should be available in the work area. Follow applicable regulations and good Industrial Hygiene practice.

9. Physical and Chemical Properties

Appearance: Clear liquid

Odor: Petroleum

Odor Threshold: No data available

pH: Not applicable

Melting Point: No data available

Boiling Point: Approx 300°F

Flash Point: ≥109°F

Evap. Rate: <1 (butyl acetate=1)

Flammability Limits: No data available

Vapor Pressure: 2 mm Hg @ 68°F

Vapor Density: 4.76 (air=1)

Relative Density: 0.8 @ 25°C

Solubility: Insoluble in water

Partition Coefficient: No data available

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

Viscosity: <15 cps @ 25°C

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under recommended conditions.

Possibility of Hazardous Reactions: Under recommended conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: Avoid moisture and extreme temperatures to protect product integrity.

Incompatible Materials: Avoid contact with water, strong acids, oxidizers, and alkalis.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, aldehydes and other potentially toxic organic compounds.

11. Toxicological Information

Eye Contact: May cause eye irritation

Skin Contact: Repeated or prolonged contact may cause skin irritation or dermatitis.

Inhalation: Vapors may be irritating the respiratory tract, and may cause headaches, dizziness and other central nervous system effects (e.g., loss of coordination, and fatigue).

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

Chronic Health Effects: No data available.

Acute Toxicity Values: No data available.

Germ Cell Mutagenicity: Components are classified as possible mutagens under GHS.

Carcinogenicity: Components are classified as possible carcinogens under GHS. However, 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.

Reproductive Toxicity: Components are not reproductive toxins.

Specific Target Organ Toxicity:

Single Exposure: May cause central nervous system effects, such as headaches, dizziness, drowsiness, anemia, nausea, loss of coordination, and/or fatigue.

Repeat Exposure: No data available.

12. Ecological Information

Ecotoxicity: Components are not classified as toxic to the aquatic environment.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Dispose according to local, state and federal regulations. For U.S.: Upon disposal, Poly-Ease® 2350 may be a RCRA hazardous waste (D001: per 40 CFR 261).

14. Transport Information

UN Number: 1268

UN Proper Shipping Name: Petroleum distillates, n.o.s.

Transport Hazard Class: 3, Flammable Liquid

Packing Group: III

Environmental Hazards: Not applicable

Transport in Bulk: Not applicable

Special Precautions: For ground transport in the US only, reclassified as combustible liquid per 49 CFR 173.150(f), and, therefore, not regulated for US domestic ground transport.

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

15. Regulatory Information

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local and state regulations.

SARA TITLE III

Section 311/312: Acute Health

Section 313 Toxic Chemicals: This product 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: All of the components of this product are listed on TSCA.

STATE REGULATIONS:

California Proposition 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.)

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/Professional use only.

SDS Revision Notes: Converted to GHS 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.