

1. Identification

Product Identifier: Poly-Optic® 14 Part R Retarder
Product Code(s): 14R
Use: Retarder for polyurethane casting plastic. 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 classified as hazardous under GHS
Label Elements: None

Hazard Phrases
None required.

Precautionary Phrases
None required.

Supplemental Information: May cause mild eye and skin irritation. This is one part of a system. Read and understand the hazard information on Parts A and B before using

3. Composition/Information on Ingredients

Chemical Name	CAS #	GHS Classification	%
No ingredients are classified as health and/or environmental hazards, OR hazardous ingredients are present below cut-off/concentration limits.			

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water.
Skin Contact: Wash with soap and water.
Inhalation: Remove person to fresh air.
Ingestion: Do not induce vomiting. Get medical attention.
Most Important Symptoms/Effects: No 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: Use caution: spill area will be slippery.
Methods and Materials for Containment and Cleanup: Absorb spilled material Collect into an appropriate container for disposal.

7. Handling and Storage

Safe Handling: Avoid contact with skin and eyes. Do not taste or swallow. Wash thoroughly after handling.
Safe Storage: Keep container closed. Keep away from food and drinks.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: None apply.

Ventilation: Use with adequate general or local exhaust ventilation.
Respiratory Protection: Not normally needed.
Skin Protection: Not normally needed.
Eye Protection: Not normally needed.
Other Protective Measures: Follow good Industrial Hygiene practices.

9. Physical and Chemical Properties

Appearance: Clear liquid
Odor: No data available
Odor Threshold: No data available
pH: acidic
Melting Point: No data available
Boiling Point: >200°C (estimated)
Flash Point: No data available
Evap. Rate: No data available
Flammability Limits: No data available
Vapor Pressure: No data available
Vapor Density: No data available
Relative Density: 0.97 @ 25°C
Solubility: Insoluble in water
Partition Coefficient: No data available
Auto-Ignition Temp: No data available
Decomposition Temp: No data available
Viscosity: No data available

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: None known at ambient temperatures.
Incompatible Materials: Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products: Carbon oxides and other organic compounds.

11. Toxicological Information

Eye Contact: May cause mild eye irritation
Skin Contact: May cause mild skin irritation.
Inhalation: Not expected to be irritating to the respiratory tract.
Ingestion: Not expected to be a route of entry.
Chronic Health Effects: No data available.
Acute Toxicity Values: No data available.
Germ Cell Mutagenicity: Not classified as a mutagen.
Carcinogenicity: Based on available information, this product does not contain constituents at concentrations exceeding 0.1% that are listed as carcinogens by IARC, NTP, or OSHA.
Reproductive Toxicity: Not classified as toxic to reproduction.
Specific Target Organ Toxicity: Not classified as a specific organ toxicant via single or repeated exposure.

12. Ecological Information

Ecotoxicity: 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.

14. Transport Information

Not regulated for transport by any mode.

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.

SARA TITLE III

Section 311/312: Not applicable.

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: The components of this product are listed on the TSCA Inventory.

STATE REGULATIONS:

California Proposition 65: No warning required based on estimated risk from maximum potential daily exposure.

16. Other Information

Recommended Uses and Restrictions: This product is intended for Industrial/Professional use only.

SDS Revision Notes: New GHS format: May 7, 2015. Supersedes MSDS dated Aug. 5, 2011.

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.