

1. Chemical Product and Company Identification

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

Product Name: **PLATSIL® 71 & 73 R**

Chemical Family: Siloxanes

2. Constituents

Hazardous Ingredient/CAS #	Exposure Limits
Organofunctional Siloxanes	No exposure limits established by OSHA or ACGIH

This product is not hazardous under OSHA's Hazard Communication Std (29 CFR 1910.1200).

3. Health Hazards

PRIMARY ROUTE(S) OF ENTRY: Eye contact

EYE: May cause temporary discomfort with mild redness.

SKIN: Single short exposure is not expected to cause adverse effect.

INGESTION: Ingestion of small amounts should not cause injury. Ingestion of large amounts may cause gastrointestinal discomfort.

INHALATION: No adverse effects are expected from short-term exposures at ambient temperature.

CHRONIC EFFECTS: None known

CARCINOGENICITY: Not designated as a carcinogen by NTP, IARC, or OSHA.

4. First Aid Measures

EYE CONTACT: Flush with plenty of water.

SKIN CONTACT: Wipe off and wash with soap and water.

INHALATION: No emergency care anticipated.

INGESTION: No emergency care anticipated.

5. Fire Fighting Measures

FLASH POINT: >200°F

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foams, or water fog or spray.

HAZARDOUS COMBUSTION PRODUCTS: May include carbon and silicone oxides and potentially irritating compounds such as formaldehyde.

OTHER INFORMATION: Firefighters wear SCBA. Cool overheated containers with water spray.

6. Accidental Release Measures

Clear non-emergency personnel from the area. Extinguish sources of ignition. Contain spill to minimize environmental contamination. Absorb spilled material with a sorbent such as sawdust, vermiculite, dirt, sand, clay, or cob grit. Collect and containerize material.

7. Handling and Storage

HANDLING: Use in adequately ventilated area. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke in work area. Wash hands after handling. See also Section 8 of MSDS.

STORAGE: Keep container away from heat, sparks, and open flames.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Provide general and/or local exhaust.

PERSONAL PROTECTIVE EQUIPMENT: Eye protection (e.g., chemical splash goggles) and PVC-coated gloves are recommended.

RESPIRATORY PROTECTION: No respiratory protection should be needed.

9. Physical Characteristics

APPEARANCE: Straw-colored liquid

ODOR: Mild

pH: Not applicable

BOILING POINT: Not determined

VAPOR PRESSURE: Not determined

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY: ~1.0 @ 20°C

10. Stability and Reactivity

CONDITIONS TO AVOID: Normally stable. Avoid temperatures in excess of 302 °F since traces of formaldehyde (a potential carcinogen) can be generated.

INCOMPATIBILITY WITH OTHER MATERIALS: Avoid contact with oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Depends on temperature, air supply and presence of other materials; likely to form oxides of carbon and silicone, and possibly hydrogen gas and formaldehyde.

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 product is not a listed or characteristic RCRA hazardous waste as defined in 40 CFR 261. Dispose of in accordance with 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.

HMSI: Health=0; Flammability=0; Reactivity=0; PPE=C

REVISION INDICATOR: Minor 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.