

1. Chemical Product and Company Identification

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

Product Names: **PLATSIL® GEL-00 & GEL-10 PART A & PART B**
Product Codes: GEL00A, GEL00B, GEL10A, GEL10B
Chemical Family: Silicone

2. Hazardous Constituents

| Ingredient | Exposure Limits |
|----------------------------|--|
| Organofunctional-siloxanes | None established |
| Platinum salt (in Part B) | OSHA PEL and ACGIH TLV 0.002 mg/m ³ (as Pt) |
| Silica | Not applicable (not present as a dust) |

3. Health Hazards

PRIMARY ROUTE(S) OF ENTRY: Skin or eye contact

EYE: May cause eye irritation. Avoid contact with eyes.

SKIN: May cause irritation or redness in susceptible individuals. Avoid contact with mucous membranes.

INGESTION: May cause gastrointestinal discomfort.

INHALATION: At room temp., no harmful effects expected. Vapors from heated material may cause respiratory irritation.

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

CHRONIC EFFECTS: No information found concerning adverse chronic health effects.

4. First Aid Measures

EYE CONTACT: Flush with plenty of water. Seek medical attention if irritation persists.

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

INHALATION: Remove to fresh air. Seek medical attention if symptoms persist.

INGESTION: Seek medical attention. Do not induce vomiting unless so directed by a medical professional.

5. Fire Fighting Measures

FLASH POINT: >350°F

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical or foams

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

OTHER INFORMATION: Firefighters wear self-contained breathing apparatus (SCBA).

Application of water stream to hot product may cause frothing and increase fire intensity. This material may produce a floating fire hazard. If possible, keep fire-exposed containers cool with water spray to prevent rupture.

6. Accidental Release Measures

Clear non-emergency personnel from the area. Remove sources of ignition. Contain spill to minimize environmental contamination. Absorb spilled material with an absorbent 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, mucous membranes and clothing. Do not eat, drink or smoke in work area. Wash hands after handling.

STORAGE: Store in a cool, dry area. Store in original, closed container.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Provide general and/or local exhaust. At room temp., special exhaust is not needed.

PERSONAL PROTECTIVE EQUIPMENT: Eye protection and gloves are recommended.

RESPIRATORY PROTECTION: Under normal conditions, respiratory protection is not required.

9. Physical Characteristics

APPEARANCE: Off-white translucent liquids

VAPOR PRESSURE: Not determined

ODOR: No odor

SOLUBILITY IN WATER: Insoluble

pH: Not applicable

SPECIFIC GRAVITY: 1.1 @ 20°C

BOILING POINT: Not determined

10. Stability and Reactivity

CONDITIONS TO AVOID: Normally stable, but avoid prolonged storage at elevated temperatures to assure product integrity. Temperatures in excess of 300°F can lead to formaldehyde formulation.

INCOMPATIBILITY WITH OTHER MATERIALS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Depends on temperature, air supply and presence of other materials; likely to form oxides of carbon and silicone, possibly 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, in its cured or uncured state, this product is not a 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.

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

MSDS REVISION INDICATOR: added PlatSil Gel-00. Made minor changes to Section 9.

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.