

## 1. Identification

**Product Identifier:** PlatSil® HTS-40 Silicone Rubber Part A  
 PlatSil® HTS-25 Silicone Rubber Part A  
 PlatSil® HTS-25 Fast Silicone Rubber Part A  
**Product Code(s):** HTS40A, HTS25A, HTS25FA  
**Use:** Component for silicone mold rubber. 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](mailto:sds@polytek.com)

## 2. Hazards Identification

**GHS Classification:** Skin Irritation Category 2  
 Eye Irritation Category 2A

**Label Elements:** Warning



Contains hydride-terminated polydimethylsiloxane.

### Hazard Phrases

H315 Causes skin irritation.  
 H319 Causes serious eye irritation.

### Precautionary Phrases

P264 Wash hands and contacted skin thoroughly after handling.  
 P280 Wear protective gloves and eye protection.  
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P332+P313 If skin irritation occurs: Get medical advice.  
 P337+P313 If eye irritation persists: Get medical advice.  
 P362 Take off contaminated clothing and wash before reuse.

**Supplemental Information:** None.

## 3. Composition/Information on Ingredients

Chemical Name	CAS #	GHS Classification	%
Hydride-terminated polydimethylsiloxane	70900-21-9	Skin Irrit. 2 Eye Irrit. 2A	10-35
Other ingredients are not classified as health and/or environmental hazards, and/or are present below cut-off/concentration limits.			

## 4. First-Aid Measures

**Eye Contact:** Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Skin Contact:** Wash contact area thoroughly with soap and water. Get medical attention if irritation develops and persists.

**Inhalation:** If breathing is difficult, remove person to fresh air. If experiencing difficulty breathing, call a doctor.

**Ingestion:** If swallowed, rinse mouth. Drink water. Induce vomiting only with medical supervision.

**Most Important Symptoms/Effects:** Eye irritation.

**Indication of Immediate Medical Attention/Special Treatment:** Not expected to be required.

## 5. Fire-Fighting Measures

**Extinguishing Media:** Carbon dioxide, dry chemical, foams, or water spray.

**Specific Hazards:** Not classified as flammable or combustible. May generate formaldehyde in fire conditions.

**Special Protective Equipment and Precautions for Fire-Fighters:** Wear SCBA & full-body protective suit. Cool hot containers with water.

## 6. Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency

**Procedures:** Remove ignition sources. Clear non-emergency personnel from the area. Caution: spill area may be slippery. Avoid eye and skin contact.

**Methods and Materials for Containment and Cleanup:** Contain spill and prevent/minimize release to the environment. Collect and containerize material for disposal.

## 7. Handling and Storage

**Safe Handling:** Avoid contact with eyes, skin (especially mucous membranes) and clothing. Use in a ventilated area. Wash hands after handling.

**Safe Storage:** Store indoors at temperatures between 60 and 95°F. Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

## 8. Exposure Controls/Personal Protection

**Exposure Limits:** No OSHA or ACGIH exposure limits apply.

**Engineering Controls:** Provide general exhaust.

**Personal Protective Equipment:** Wear eye protection (e.g., chemical safety glasses) and rubber (e.g., nitrile) gloves.

**Other Protective Measures:** An eyewash and washing facility should be available in the work area.

## 9. Physical and Chemical Properties

**Appearance:** Liquid, clear

**Odor:** Mild

**Odor Threshold:** No data available

**pH:** Not applicable

**Melting Point:** No data available

**Boiling Point:** No data available

**Flash Point:** >150°C (302°F) (estimated)

**Evaporation Rate:** No data available

**Flammable Limits:** No data available

**Vapor Pressure:** No data available

**Vapor Density:** No data available

**Relative Density:** 0.96 @ 25°C

**Solubility:** Insoluble in water

**Partition Coefficient: n-octanol/Water:** No data available

**Auto-Ignition Temp:** No data available

**Decomposition Temp:** No data available

**Viscosity:** 1200-2720 cPs @ 25°C

## 10. Stability and Reactivity

**Reactivity:** Not normally reactive.

**Chemical Stability:** Stable under recommended conditions.

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** Excessive heat.

**Incompatible Materials:** Possibly strong oxidizers.

**Hazardous Decomposition Products:** Thermal decomposition will generate formaldehyde and oxides of carbon and silicon.

## 11. Toxicological Information

**Eye Contact:** Causes serious eye irritation.

**Skin Contact:** Causes skin irritation especially to mucous membranes.

**Inhalation:** Vapors or mists may cause mild respiratory irritation.

**Ingestion:** No data available.

**Chronic Health Effects:** None known.

**Acute Toxicity Values:** No data available.

**Germ Cell Mutagenicity:** Components are not known mutagens.

**Carcinogenicity:** Relevant components are not listed as known or suspected carcinogens by NTP, IARC or OSHA.

**Reproductive Toxicity:** Relevant components are not known or suspected reproductive toxins.

**Specific Target Organ Toxicity:** Relevant components are not known or suspected toxins to specific target organs.

## 12. Ecological Information

**Ecotoxicity:** Not expected to be dangerous to aquatic organisms.

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

## 13. Disposal Considerations

Dispose according to local, regional and national regulations.

**For U.S.:** Upon disposal, these products are not RCRA hazardous waste (per 40 CFR 261).

## 14. Transport Information

Not regulated for transport in any mode.

**Emergency Shipping Information:** Call CHEMTREC, 800-424-9300 or +1-703-527-3887

## 15. Regulatory Information

### U.S. FEDERAL REGULATIONS:

**CERCLA 103 Reportable Quantity:** Not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

### SARA TITLE III:

**Hazard Category for Section 311/312:** Acute

**Section 313 Toxic Chemicals:** Does not contain 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 components are listed on TSCA.

### STATE REGULATIONS:

**California Proposition 65:** These products do not contain substances known to the State of California to cause cancer and/or reproductive harm.

## 16. Other Information

**Training Advice:** All personnel using/handling these products should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

**Recommended Uses and Restrictions:** Intended for industrial or professional use only.

**SDS Revision Notes:** New products: July 27, 2018

**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.