

## 1. Identification

Product Identifier: **Cast-a-Mold 25T Activator**  
 Use: Component for silicone mold rubber. For Industrial/Professional use only.  
 Manufacturer: Specialty Resin & Chemical  
 58100 Park Place, Dowagiac, MI 49047  
 Phone Number: 1-269-462-9256  
 Emergency Phone: CHEMTREC 800-424-9300 or +1 (703) 527-3887

## 2. Hazards Identification

### GHS Classification:

Acute Toxicity (oral) – Category 4  
 Reproductive Toxin – Category 2  
 Specific Target Organ Toxicity – Repeated Exposure Category 2

Label Elements: Warning



### Hazard Statement:

H302 Harmful if swallowed.  
 H361 Suspected of damaging fertility or the unborn child.  
 H373 May cause damage to organs through prolonged or repeated exposure.

### Precautionary Phrase:

P203 Obtain, read, and follow all safety instructions before use.  
 P260 Do not breathe fumes, vapors, mists, or sprays.  
 P264 Wash thoroughly after handling.  
 P270 Do not eat, drink, or smoke when using this product.  
 P280 Wear protective gloves, protective clothing, eye protection, and face protection.  
 P301+P317 IF SWALLOWED: Get medical help.  
 P318 IF exposed or concerned, get medical advice.  
 P319 Get medical help if you feel unwell.  
 P330 Rinse mouth.  
 P405 Store locked up.  
 P501 Dispose of contents and container in accordance with local, regional, and national regulations.

**Supplemental Information:** This is one part of a two-part system. Read and understand the hazards on the Base before use.

## 3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Trimethoxyphenylsilane	2996-92-1	20-30
Dimethylbis[(1-oxoneodecy)oxy]stannane	68928-76-7	1-5
Exact concentrations are withheld as trade secret. 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. 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. Get medical attention if you feel unwell.

**Ingestion:** If swallowed, rinse mouth. Drink water. Induce vomiting only with medical supervision. Get medical attention if you feel unwell.

**Most Important Symptoms/Effects:** None known.

**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, green

**Odor:** Characteristic

**Odor Threshold:** No data available

**pH:** Not applicable

**Melting Point:** No data available

**Boiling Point:** >211°C (>411°F)

**Flash Point:** >96°C (204°F)

**Evaporation Rate:** No data available

**Flammable Limits:** No data available

**Vapor Pressure:** No data available

**Vapor Density:** No data available

**Relative Density:** 1.00

**Solubility:** Insoluble in water

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

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

**Decomposition Temp:** No data available

**Viscosity:** 90 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, strong acids, and strong bases.

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

## 11. Toxicological Information

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

**Skin Contact:** May cause mild skin irritation.

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

**Ingestion:** Harmful if swallowed.

**Chronic Health Effects:** None known.

**Acute Toxicity Values:** For product:

Oral LD<sub>50</sub> (rat): 3,548.07 mg/kg

Dermal LD<sub>50</sub> (rabbit): 2,004.39 mg/kg

**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:** Suspected of damaging fertility or the unborn child.

**Specific Target Organ Toxicity:** May cause damage to organs through prolonged or repeated exposure.

## 12. Ecological Information

**Ecotoxicity:** No data available. Avoid release to the 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, 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:** Not applicable.

**Section 313 Toxic Chemicals:** 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 components are listed on TSCA.

**STATE REGULATIONS:**

**California Proposition 65:** This product does not contain substances known to the State of California to cause cancer and/or reproductive harm. <https://www.p65warnings.ca.gov/>

## 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:** Updated GHS Format: April 20, 2021

**Disclaimer:** The information contained herein is considered accurate; however, Specialty Resin & Chemical 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.

## 1. Identification

Product Identifier: **Cast-a-Mold 25T Base**  
**Cast-a-Mold 30TF Base**

Use: Component for silicone mold rubber. For Industrial/Professional use only.

Manufacturer: Specialty Resin & Chemical  
58100 Park Place, Dowagiac, MI 49047

Phone Number: 1-269-462-9256

Emergency Phone: CHEMTREC 800-424-9300 or  
+1 (703) 527-3887

## 2. Hazards Identification

### GHS Classification:

Reproductive Toxin – Category 2

Label Elements: Warning



### Hazard Statements:

H361 Suspected of damaging fertility or the unborn child.

### Precautionary Phrases:

P203 Obtain, read, and follow all safety instructions before use.

P280 Wear protective gloves, protective clothing, eye protection, and face protection.

P318 IF exposed or concerned, get medical advice.

P405 Store locked up.

P501 Dispose of contents and container in accordance with local, regional, and national regulations.

**Supplemental Information:** This is one part of a two-part system. Read and understand the hazards on the Activator before use.

## 3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Octamethylcyclotetrasiloxane	556-67-2	<1%
Exact concentrations are withheld as trade secret. Other ingredients are not listed because they are either not hazardous or are below concentration/cut-off thresholds.		

## 4. First-Aid Measures

**Eye Contact:** Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. 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, get medical attention.

**Ingestion:** If swallowed, rinse mouth. Drink water. Induce vomiting only with medical supervision. Get medical attention if you feel unwell.

**Most Important Symptoms/Effects:** None known.

**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, white

**Odor:** Slight Odor

**Odor Threshold:** No data available

**pH:** Not applicable

**Melting Point:** No data available

**Boiling Point:** >500°F (260°C)

**Flash Point:** >302°F (150°C)

**Evaporation Rate:** No data available

**Flammable Limits:** No data available

**Vapor Pressure:** No data available

**Vapor Density:** No data available

**Relative Density:** 1.11

**Solubility:** Insoluble in water

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

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

**Decomposition Temp:** No data available

**Viscosity:** 35,000 – 45,000 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:** May cause mild eye irritation.

**Skin Contact:** May cause mild skin irritation.

**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:** Suspected of damaging fertility or the unborn child.

**Specific Target Organ Toxicity:** No data available.

## 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:** Not applicable.

**Section 313 Toxic Chemicals:** 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 components are listed on TSCA.

### STATE REGULATIONS:

**California Proposition 65:** This product does not contain substances known to the State of California to cause cancer and/or reproductive harm. <https://www.p65warnings.ca.gov/>

## 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.

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