

## 1. Identification

Product Identifier: **Quick-Set Silicone Rubber Catalyst**  
 Use: Component for silicone mold rubber. For Industrial/Professional use only.  
 Manufacturer: Alumilite  
 315 E. North Street Kalamazoo, MI 49007 USA  
 Phone Number: +1 800-447-9344 (9 a.m. to 5 p.m. EST)  
 Emergency Phone: CHEMTREC 800-424-9300 or +1 703-527-3887  
 E-mail: [info@alumilite.com](mailto:info@alumilite.com)

## 2. Hazards Identification

### GHS Classification:

Skin Irritation Category 1  
 Eye Damage/Irritation Category 1  
 Respiratory Sensitizer Category 1  
 Skin Sensitizer Category 1  
 Germ Cell Mutagenicity 2  
 Toxic to Reproduction Category 1B  
 Specific Target Organ Toxicity – Single Exposure Category 1

Label Elements: Danger



### Hazard Phrases

H314 Causes severe skin burns and eye damage.  
 H317 May cause an allergic skin reaction.  
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H341 Suspected of causing genetic defects.  
 H360 May damage fertility or the unborn child.  
 H370 Causes damage to organs.

### Precautionary Phrases

P201 Obtain special instructions before use.  
 P260 Do not breathe mist or vapor.  
 P264 Wash hands thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P280 Wear protective gloves, clothing, eye and face protection.  
 P284 In case of inadequate ventilation wear respiratory protection.  
 P301+312 IF SWALLOWED: Call a poison center or doctor if you feel unwell.  
 P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
 P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308+313 IF exposed or concerned: Get medical attention.  
 P333+313 If skin irritation or rash occurs: Get medical advice/attention.  
 P342+311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor.  
 P363 Wash contaminated clothing before reuse.  
 P405 Store locked up.  
 P501 Dispose of contents and container in accordance with local, regional and national regulations.

**Supplemental Information:** Avoid releases into the environment. Collect spillage.

## 3. Composition/Information on Ingredients

Chemical Name	CAS #	GHS Classification	%
Dibutyltin dilaurate	77-58-7	Skin Corr/Irrit 1 Eye Damage/Irrit 1 Skin Sens 1 Mutagenicity 2 Reproductive Tox 1B STOT-SE 1 Aquatic Acute 1 Aquatic Chronic 1	5-10
Nadic Methyl Anhydride	25134-21-8	Acute Tox-Oral 4 Acute Tox-Inhal 3 Skin 2, Eye 1, Respiratory Sensitizer 1, Skin Sensitizer 1	0-5
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 for 15 minutes. 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 poison center or doctor.

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

**Most Important Symptoms/Effects:** Possible reproductive and/or organ damage.

**Indication of Immediate Medical Attention/Special Treatment:** No data available.

## 5. Fire-Fighting Measures

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

**Specific Hazards:** Not classified as flammable. 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 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:

Tin, organic compounds	0.1 mg/m <sup>3</sup> OSHA PEL
	0.1 mg/m <sup>3</sup> TWA ACGIH TLV
	0.2 mg/m <sup>3</sup> STEL ACGIH TLV

**Ventilation:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

**Respiratory Protection:** If needed (i.e., ventilation is inadequate), use a NIOSH-approved air-purifying, tight-fitting, half-face respirator with organic vapor cartridges. Respirator selection and use should be based on contaminant type, form and concentration. For higher exposures or in an emergency, use a supplied-air respirator. Use respirators in accordance with OSHA's Respiratory Protection Standard (29 CFR 1910.134).

**Skin Protection:** Wear impervious gloves, such as butyl rubber or nitrile rubber.

**Eye Protection:** Wear chemical safety goggles/glasses.

**Other Protective Measures:** Wear impervious clothing to prevent skin contact and contamination of personal clothing. An eye wash and washing facility should be available in the work area. Follow good Industrial Hygiene practices.

## 9. Physical and Chemical Properties

**Appearance:** Liquid, yellow

**Odor:** No data available

**Odor Threshold:** No data available

**pH:** Not applicable

**Melting Point:** No data available

**Boiling Point:** No data available

**Flash Point:** >200°F (93.3°C)

**Evaporation Rate:** No data available

**Flammable Limits:** No data available

**Vapor Pressure:** No data available

**Vapor Density:** No data available

**Relative Density:** 1.0 @ 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:** 50-100 cP @ 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 damage.

**Skin Contact:** Causes severe skin burns and eye damage.

**Inhalation:** May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Ingestion:** No data available.

**Chronic Health Effects:** Possible reproductive and immune system effects.

**Acute Toxicity Values:** For Nadic Methyl Anhydride, For LD50-Oral 914 mg/kg (rat). LD50-Inhalation 0.75 mg/L (rat). Dibutyltin dilaurate, LD50-Oral 2071 mg/kg (rat).

**Germ Cell Mutagenicity:** Dibutyltin dilaurate is suspected of causing genetic defects.

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

**Reproductive Toxicity:** Dibutyltin dilaurate may damage fertility or the unborn child.

**Specific Target Organ Toxicity:** Single exposure: Dibutyltin dilaurate causes damage to organs (immune system). Repeat exposure: No data available.

## 12. Ecological Information

**Ecotoxicity:** For dibutyltin dilaurate, EC50 Daphnia is 0.463 mg/l.

Based on Summation Method, mixture is judged to be Hazardous to the Aquatic Environment (Acute Category 2, Chronic Category 2).

**Persistence and Degradability:** Dibutyltin dilaurate is not readily biodegradable.

**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

**U.S.:** Not regulated as a hazardous material by US DOT for transportation by truck.

**International shipments:** UN3082, Environmentally hazardous substance, liquid, n.o.s. (dibutyltin dilaurate), 9, III. Containers ≤5 liters are excepted from IMDG and IATA regulations (see IATA SP A197 and IMDG 2.10.2.7).

**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/Chronic

**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:** This product does 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:** For industrial or professional use only.

**SDS Revision Notes:** GHS Version, August 12, 2019

**Disclaimer:** The information contained herein is considered accurate; however, Alumilite 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:** Quick-Set Silicone Rubber Base  
**Use:** Component for silicone mold rubber. For Industrial/Professional use only.  
**Manufacturer:** Alumilite  
 315 E. North Street Kalamazoo, MI 49007 USA  
**Phone Number:** +1 800-447-9344 (9 a.m. to 5 p.m. EST)  
**Emergency Phone:** CHEMTREC 800-424-9300 or +1 703-527-3887  
**E-mail:** [info@alumilite.com](mailto:info@alumilite.com)

## 2. Hazards Identification

**GHS Classification:**  
Reproductive Toxicity 2

**Label Elements:** Warning



### Hazard Phrases

H361 Suspected of damaging fertility or the unborn child.

### Precautionary Phrases

P202 Do not handle until all safety precautions have been read and understood.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P308+313IF exposed or concerned: Get medical advice/attention.  
 P405 Store locked up.  
 P501 Dispose of contents and container in accordance with local, regional and national regulations.

**Supplemental Information:** May cause mild eye and skin irritation. Avoid contact with eyes and mucous membranes.

## 3. Composition/Information on Ingredients

Chemical Name	CAS #	GHS Classification	%
Octamethylcyclotetrasiloxane	556-67-2	Reproductive Toxicity 2	<1
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. If experiencing difficulty breathing, call a doctor.

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

**Most Important Symptoms/Effects:** Mild 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, off-white

**Odor:** Mild

**Odor Threshold:** No data available

**pH:** Not applicable

**Melting Point:** No data available

**Boiling Point:** No data available

**Flash Point:** No data available

**Evaporation Rate:** No data available

**Flammable Limits:** No data available

**Vapor Pressure:** No data available

**Vapor Density:** No data available

**Relative Density:** ~1.3 @ 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:** 15,000 cP - 20,000 cP @ 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 irritation.

**Skin Contact:** May cause mild 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 classified as 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. Do not release into waterways.

**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:** Chronic Health

**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:** 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:** GHS Format, August 13, 2019

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