

## SECTION 1: Identification of the substance/mixture and of the Company/Undertaking

### 1.1 Product Identifier

Trade Name: AMT AMSIL Silicone Part B - Catalyst

### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant applications identified : Curing Agent for Silicone  
Applications which are not advised : None known

### 1.3 Details of the supplier of the Safety Data Sheet

Company:  
Company: AMT Composites (Pty) Ltd  
AMT HEAD OFFICE  
JOHANNESBURG

TEL: +27 11 392 4232

## SECTION 2: Hazards Identification

### 2.1 GHS Classification

*Health – Not Classified*  
*Environmental – Not Classified*

### 2.2 GHS Signal Word, Hazard Statement, Symbol:



Signal Word: Danger  
HAZARD STATEMENTS: Causes skin burns. Causes eye irritation.

### 2.3 Precautionary statements:

- Wear appropriate gloves, protective spectacles, and the protection side.
- Wash hands well after handling. Avoid discharge into the environment.

## SECTION 3: Composition/Information on ingredients

	CAS No.	Percentage
Dibutyltin Dilaurate	77-58-7	34%
Tetraethoxysilane	78-10-4	66%

## SECTION 4: First Aid

**Eye Contact:** Flush with large amounts of clean water for 15 minutes. If irritation persists, get medical attention.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists. Wash clothing before use.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and continue to monitor. Get medical attention.

**Ingestion:** Do not induce vomiting. Do not give liquids. Get medical attention immediately. Remove stomach content by gastric suction only as directed by medical personnel.

**Comments:** Treat symptomatically.

## SECTION 5: Fire Fighting Measures

**Extinguishing Media:** Water spray, foam, carbon dioxide or dry chemical.

**Fire Fighting Instructions:** Firefighters should be equipped with self-contained breathing apparatus and protective clothing. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

**Flash Point:** >300°F

**Auto ignition Temp:** N/A

## SECTION 6: Accidental Release Measures

**General:** Spills should be contained, soaked up with absorbent material and placed in suitable containers for disposal at a licensed facility.

**Waste Disposal:** Store and use in well-ventilated area between 70 - 80°F. Avoid excessive temperatures.

## SECTION 7: Handling and Storage

**General:** Avoid breathing mist or vapours and repeated or prolonged exposure with skin. Avoid eye contact. Do not drink.

**Storage:** Store and use in well ventilated area between 70 and 80°F. Avoid excessive temperatures, low or high. Avoid moisture.

## SECTION 8: Exposure Controls & Personal Protection

**Clothing:** Gloves, coveralls, apron, boots as necessary to prevent skin contact.

**Eyes:** Chemical goggles. Also wear a face shield if splashing hazard exists.

**Respiration:** Approved organic vapour mist respirator unless adequate local exhaust ventilation is provided or exposure Assessment demonstrates that exposures are within recommended guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIO SH/M SHA approved respirators.

**Ventilation:** Use local exhaust to control vapours/mists.

**SECTION 9: Physical & Chemical Properties**

**Colour:** Transparent  
**Form:** Liquid  
**Odour:** Slight odour  
**Odour Intensity:** Mild  
**Specific Gravity:** 0.96  
**Boiling Point:** >65°C  
**Viscosity:** Not available  
**Freezing Point:** N/A  
**Solubility:** N/A

**SECTION 10: Stability & Reactivity**

**Stability:** Stable  
**Conditions to Avoid:** None  
**Incompatibility:** Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapours to form.  
**Hazardous Polymerization:** Will not occur.  
**Hazardous Decomposition:** Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds, silicone dioxide, formaldehyde, metal oxides.

**SECTION 11: Toxicological Information**

**Toxicity Data:** No applicable data for this section

**SECTION 12: Ecological Information**

**Ecological Data/Ecotoxicity Classification Criteria**

Hazard Parameters (LC50 or EC 50)	High	Medium	Low
Acute Aquatic Toxicity (mg/L)	>=1	>1 and >= 100	>100
Acute Terrestrial Toxicity	>=100	>100 and >=2000	>2000

**SECTION 13: Disposal Information**

**Waste Disposal:** Incinerate or bury in licensed facility. Do not discharge into waterways or sewer systems without proper authority.  
**Container Disposal:** Steel drums must be emptied (as defined by RCRA, Section 261.7 or state regulations that may be more stringent) and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Drums destined for a scrap dealer or landfill must be punctured or crushed to prevent reuse.

**SECTION 14: Transportation Information (Non-Mandatory)**

Not regulated by the Department of Transportation.

**SECTION 15: Regulatory Information (Non- Mandatory)**

**Section 313 Toxic Chemicals:** No applicable data for this section.  
**Hazardous Health Rating:** Health: 3 Fire: 3 R Reactivity: 1

**SECTION 16: Other Information**

**No Data Available.**

**Disclaimer**

*Any information, data, advice or recommendation's for processing materials or products supplied by AMT Composites is given in good faith. It remains at all time the responsibility of the customer to ensure that the products and materials recommended are suitable for the production method used and purpose intended.*

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## SECTION 1: Identification of the substance/mixture and of the Company/Undertaking

### 1.1 Product Identifier

Trade Name: **AMT AMSIL 10, 25, 30 & 40 Silicone**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant applications identified : Concrete Sealer – Industrial use  
Applications which are not advised : None known

### 1.3 Details of the supplier of the Safety Data Sheet

Company:

Company: **AMT Composites (Pty) Ltd**

**AMT HEAD OFFICE**

**JOHANNESBURG**

TEL: +27 11 392 4232

## SECTION 2: Hazards Identification

### 2.1 GHS Classification

*Health – Not Classified*

*Environmental – Not Classified*

### 2.2 GHS Signal Word, Hazard Statement, Symbol

Pictograms by CLP/GHS: **Not Required**

Pictograms by DPD: **Not Required**

Signal Word: **Not Required**

**HAZARD STATEMENTS:** Causes mild skin irritation and mild eye irritation.

### 2.3 Precautionary statements:

- **Wear appropriate gloves, protective spectacles, and the protection side.**
- **Wash hands well after handling. Avoid discharge into the environment.**

## SECTION 3: Composition

Silicone Base

CAS No. : N/A

Percentage: 100%

## SECTION 4: First Aid

**Eye Contact:** Flush with large amounts of clean water for 15 minutes. If irritation persists, get medical attention.  
**Skin Contact:** No first aid should be needed.  
**Inhalation:** No first aid should be needed.  
**Ingestion:** No first aid should be needed.  
**Comments:** Treat symptomatically.

## SECTION 5: Fire Fighting Measures

<b>Extinguishing Media:</b>	On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide (CO <sub>2</sub> ), dry chemical, or water spray. Water can be used to cool fire-exposed containers.
<b>Fire Fighting Instructions:</b>	Firefighters should be equipped with self-contained breathing apparatus and protective clothing. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
<b>Flash Point:</b>	>480°F
<b>Auto ignition Temp:</b>	N/A

## SECTION 6: Accidental Release Measures

<b>General:</b>	For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents, or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.
<b>Waste Disposal:</b>	Dispose in accordance with local, state and federal laws and regulations.

## SECTION 7: Handling and Storage

<b>General:</b>	Use with adequate ventilation. Product evolves n-propyl alcohol when exposed to water or humid air. Provide ventilation during use to control n-propyl alcohol within exposure guidelines or use respiratory protection. Avoid eye contact.
<b>Storage:</b>	Store away from oxidizing materials.
<b>General:</b>	Use with adequate ventilation. Product evolves n-propyl alcohol when exposed to w

## SECTION 8: Exposure Controls & Personal Protection

<b>Clothing:</b>	Gloves, coveralls, apron, boots as necessary to prevent skin contact.
<b>Eyes:</b>	Chemical goggles.
<b>Respiration:</b>	Should not be needed.
<b>Ventilation:</b>	General ventilation.

## SECTION 9: Physical & Chemical Properties

	<b>Base</b>
<b>Color:</b>	White
<b>Form:</b>	Viscous Liquid
<b>Odor:</b>	Slight odour
<b>Odor Intensity:</b>	Slight
<b>Specific Gravity:</b>	1.2 (at 25°C)
<b>Boiling Point:</b>	N/A
<b>Viscosity:</b>	20,000 cps

**Freezing Point:** N/A  
**Solubility:** N/A

## SECTION 10: Stability & Reactivity

**Stability:** Stable  
**Conditions to Avoid:** None  
**Incompatibility:** Oxidizing material can cause a reaction.  
**Hazardous Polymerization:** Will not occur.  
**Hazardous Decomposition:** Carbon oxides, carbon compounds, silicon dioxide, metal oxides, quartz, & formaldehyde.

## SECTION 11: Toxicological Information

**Toxicity Data:** No applicable data for this section

## SECTION 12: Ecological Information (Non-Mandatory)

**Ecological Data:** No applicable data for this section.

## SECTION 13: Disposal Information (Non-Mandatory)

**Waste Disposal:** Dispose in accordance with local, state and federal laws and regulations.

## SECTION 14: Transportation Information (Non-Mandatory)

Not regulated by the Department of Transportation.

## SECTION 15: Regulatory Information (Non-Mandatory)

**Section 313 Toxic Chemicals:** No applicable data for this section.  
**Hazardous Health Rating:** Health: 0 Fire: 1 Reactivity: 0

## SECTION 16: Other Information

**No Data Available.**

### **Disclaimer**

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