

**ALSTONE GP-300 GENERAL PURPOSE SEALANT****IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY**

<b>Product Name:</b>	ALSTONE GENERAL PURPOSE SEALANT
<b>Manufacturer's Product Code:</b>	GP-300
<b>Chemical Classification:</b>	Silicone Sealant
<b>Use:</b>	Sealant and adhesive
<b>Company Details</b>	
<b>Manufacturer/Supplier:</b>	Alstone Silicone India Private Limited
<b>Address:</b>	Plot No 420, Village Keshwana, Ricco Road, Kotputli, Jaipur-Rajasthan.
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<b>Number:</b>	
<b>Contact Person:</b>	Environment, Health and Safety Leader

**COMPOSITION / INFORMATION ON INGREDIENTS**

**Chemical characterization:** Mixture  
**Hazardous Ingredients:**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>% (w/w)</u>	<u>Symbols &amp; Health Risk Phrases</u>
Hydrotreated middle petroleum distillates	64742-46-7	30 - 60	Not hazardous.
Aluminum	7429-90-5	<1	Highly flammable. Contact with water liberates extremely flammable gases. Spontaneously flammable in air.
Acetic anhydride	108-24-7	<1	Flammable Harmful. Corrosive. Flammable. Harmful by inhalation and if swallowed. Causes burns.
Acetic acid	64-19-7	<1	Flammable Corrosive. Flammable. Causes severe burns.

**HAZARDS IDENTIFICATION**

<b>Overall Hazard Classification:</b>	Not hazardous.
<b>Hazard Information:</b>	Not hazardous.
<b>Precautionary</b>	Avoid contact with skin and eyes. Use only in well-ventilated areas.

**Information:**  
**Signs and Symptoms of Overexposure:** No significant adverse effects from a single exposure expected from normal use.

## FIRST AID MEASURES

**Eye:** Immediately flush with water for 15 minutes.  
**Skin:** Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.  
**Inhalation:** Remove to fresh air.  
**Ingestion:** Get medical attention.  
**Comments:** Treat according to person's condition and specifics of exposure.  
**Note to physicians:** Treat symptomatically. For further information, the medical practitioner should call at 8800 78 78 78

## FIRE-FIGHTING MEASURES

**Hazardous Properties:** None.  
**Extinguishing Media:** 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.  
**Special Fire Fighting Procedures and Equipment:** Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.  
**Hazardous Combustion Products:** Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde. Metal oxides.  
**Unsuitable Extinguishing Media:** None established.

## ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Avoid skin and eye contact. Do not take internally.  
**Environmental Precautions:** Do not allow large quantities to enter drains or surface waters.  
**Methods for Cleaning up:** Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

## HANDLING AND STORAGE

<b>Handling Precautions:</b>	Use with adequate ventilation. Avoid skin and eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
<b>Storage Conditions:</b>	Use reasonable care and store away from oxidizing materials.
<b>Unsuitable Packaging Materials:</b>	None established.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

### Industrial Hygiene Standards

<u>Ingredients</u>	<u>CAS No.</u>	<u>Exposure Limits</u>
Hydrotreated middle petroleum distillates	64742-46-7	TWA 5 mg/m3.
Aluminum	7429-90-5	TWA 15 mg/m3 total dust, 5 mg/3 respirable dust. ACGIH TLV: TWA 10 mg/m3.
Acetic anhydride	108-24-7	TWA 5ppm. ACGIH TLV: TWA 1 ppm, STEL 3ppm.
Acetic acid	64-19-7	TWA 10 ppm (25 mg/m3). STEL 15 ppm (37 mg/m3). TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

None known.

### Engineering Controls

**Local Ventilation:** Recommended.

**General Ventilation:** Recommended.

### Personal Protective Equipment for Routine Handling

**Respiratory protection:** No respiratory protection should be needed.

**Suitable Respirator:** None should be needed.

**Eye:** Use proper protection - safety glasses as a minimum.

**Hand:** Chemical protective gloves should be worn.

**Skin:** Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

**Personal Hygiene:** Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

### Personal Protective Equipment for Spills

**Respiratory protection:** No respiratory protection should be needed.

**Eye protection:** Use chemical worker's goggles.

**Skin protection:** Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

**Note:** These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

## PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical Form:</b>	Paste
<b>Color:</b>	Grey.
<b>Odor:</b>	Acetic acid odor
<b>pH:</b>	Not determined.
<b>Solubility in Water:</b>	Not determined.
<b>Boiling Point:</b>	Not determined.
<b>Melting Point:</b>	Not determined.
<b>Flash Point:</b>	100 °C (Closed Cup)
<b>Autoignition Temperature:</b>	Not determined.
<b>Explosive properties:</b>	No
<b>Oxidizing properties:</b>	No
<b>Vapor Pressure @ 25°C:</b>	Not determined.
<b>Specific Gravity:</b>	0.95
<b>Octanol/water partition coefficient:</b>	Not determined.
<b>Vapour Density (air=1):</b>	Not determined.
<b>Viscosity:</b>	Not determined.
<b>Upper Flammability Limit:</b>	Not determined.
<b>Lower Flammability Limit:</b>	Not determined.

The above information is not intended for use in preparing product specifications.

## STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Reactivity</b>	
<b>Conditions to Avoid:</b>	None.
<b>Materials to Avoid:</b>	Can react with strong oxidising agents.
<b>Hazardous Decomposition Products:</b>	Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde. Metal oxides.
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur.

## TOXICOLOGICAL INFORMATION

### Routes of Entry

☐ Inhalation ☒ Skin Contact ☒ Ingestion

### Possible Health Effects

#### Acute

<b>Skin:</b>	No significant irritation expected from a single short-term exposure.
<b>Eye:</b>	Direct contact may cause mild irritation.
<b>Inhalation:</b>	Irritates respiratory passages very slightly.
<b>Ingestion:</b>	Low ingestion hazard in normal use.

#### **Chronic**

<b>Skin:</b>	Repeated or prolonged contact may cause defatting and drying of skin which may result in skin irritation and dermatitis.
<b>Inhalation:</b>	No known applicable information.
<b>Ingestion:</b>	Repeated ingestion or swallowing large amounts may injure internally.
<b>Sensitizing Effects:</b>	None known.
<b>Mutagenic Effects:</b>	None known.
<b>Reproductive Effects:</b>	None known.
<b>Carcinogenic Effects:</b>	None known.
<b>Other Health Hazard Information:</b>	No known applicable information.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review of the products.

### **ECOLOGICAL INFORMATION**

#### **Environmental Fate and Distribution**

Solid material, insoluble in water. No adverse effects are predicted.

**Ecotoxicity:** No adverse effects on aquatic organisms are predicted.

**Bioaccumulation:** No bioaccumulation potential.

**Fate and Effects in Waste Water Treatment Plants:** No adverse effects on bacteria are predicted.

### **DISPOSAL INFORMATION**

**Product Disposal:** Dispose of in accordance with local regulations.  
**Packaging Disposal:** Dispose of in accordance with local regulations.

### **TRANSPORT INFORMATION**

#### **Road and Rail Transport**

Not applicable.

#### **Sea transport (IMDG)**

Not subject to IMDG code.

#### **Air Transport (IATA)**

Not subject to IATA regulations.

### **REGULATORY INFORMATION**

#### **NFPA Hazard Signals**

Health 1 Flammability 1 Instability 0 Special

**Chemical Inventories**

TSCA	: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
AICS	: All ingredients listed or exempt.
IECSC	: All ingredients listed or exempt.
KECL	: All ingredients listed, exempt or notified.
PICCS	: All ingredients listed or exempt.
ENCS/ISHL	: Not determined.
EINECS	: Not determined.
DSL	: Not determined.

**OTHER INFORMATION**

<b>Contact Point:</b>	Environment, Health and Safety Leader
<b>Prepared by:</b>	Alstone Industries Private Limited

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.