

## 1 – PRODUCT NAME & MANUFACTURER INFORMATION

**Product Name** : Fasto SM30 RTV Silicone Sealant

**Use / Description of Product** : Silicone Based Adhesive Sealant

**Company Name** : Fasto Advance Materials India Pvt. Limited

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## 2 – HAZARDS / COMPOSITION INGREDIENTS

Hazardous Ingredients	CAS No.	Content	Classification / Risk Phrases.
Methyl Ethyl ketoxime	96-29-7	< 15%	[Xi] R36; [Sens.] R43
Methyltris(methylethylketoxime)silane	22984-54-9	< 15%	[Xn] R20/21/22 : [C] R35 : [N]R50 : [-] R10
Poly(dimethyl) Siloxane	63148-62-9	> 50 %	-

## 3 – HAZARD IDENTIFICATIONS

**Main Hazards** : Harmful by inhalation. Irritating to respiratory system. May cause skin sensitization by skin contact.

**Labelling Precautionary Statement** : Do not breathe vapor. Use only in well-ventilated areas. Avoid contact with skin and eyes. Wear suitable gloves. Prolonged or repeated over-exposure may lead to sensitizing effects and/or dermatitis in sensitive individuals.

## 4 – FIRST AID MEASURES

**Inhalation** : **Symptoms:** - Mild irritation to nose. There may irritation to throat with a feeling of tightness in chest.

**Action:** - Remove to fresh air. If not breathing, give artificial respiration. If recovery is not rapid, call for prompt medical attention.

- Ingestion** : **Symptoms:** - There may be soreness and redness of mouth and throat. Nausea and stomach pain may occur. Prolonged or repeated over-exposure may lead to sensitizing effects and/or dermatitis in sensitive individuals.
- Action:** - Do not induce vomiting. Give plenty of water to drink. Beware of aspiration if vomiting occurs – seek medical attention immediately.
- Skin Contact** : **Symptoms:** - There may be redness and irritation at the site of the contact. An itchy rash may occur at the site of the contact.
- Action:** - Remove contaminated clothes and shoes. Wash with soap / cleaner and rinse with plenty of water. If irritation persists, obtain medical attention.
- Eye Contact** : **Symptoms:** - Cause irritation. Conjunctival irritation and temporary corneal injury possible. Profuse eye watering.
- Action:** - Immediately irrigate with water for at least 15 minutes. Take care not to wash chemical from one eye to another. Get prompt medical attention.

## 5 – FIRE FIGHTING MEASURES

- Exhausting Media** : Alcohol resistant foam, Dry powder, CO<sub>2</sub>. **Do not use direct water jets**
- Specific Hazards** : Possible risk of explosion. Toxic fumes are produced in fire.
- Protective Measures** : Do not breathe decomposition products and fumes. Use approved self-contained breathing apparatus. Wear fire retardant clothing. Wear eye protection. Use water spray to cool containers.
- Prevent runoff from fire control from entering waterways. Large fires should only be dealt with by trained personnel.
- Combustion Products** : Toxic fumes, CO, CO<sub>2</sub> possibly evolved.

## 6 – ACCIDENTAL RELEASE MEASURE

- Personal Protection** : Wear suitable respiratory protection for large spillages and in confined spaces, e.g. EN405 FFA2 or EN140 A2. Wear polythene gloves. Wear chemically resistant overalls and boots. Use eye protection such as goggles to BS EN166 Chemical grade.
- Environmental Protection** : Do not allow spill to enter drains and watercourses.
- Workplace Precautions** : Ventilate area. Evacuate all personnel. Use barriers to prevent unauthorized entry into contaminated areas
- Clean up precautions** : Absorb in inert material such as sand or absorbent granules. Scrape up and place in plastic container to await transfer. Dispose of material in accordance with local regulations.

## 7 – HANDLING & STORAGE

- Handling Requirements** : Avoid skin and eye contact. Avoid inhalation of vapors – ensure adequate ventilation and/or use local extraction. Wear gloves (polythene, neoprene or if only exposed for short periods (<15mins) latex) and eye protection. If handling large quantities, wear suitable protective clothing.

<b>Storage Conditions</b>	:	Store in tightly closed, labeled containers. Store in a cool, dry, well-ventilated area out of direct sunlight. Keep away from the source of ignition.
<b>Suitable Packaging</b>	:	Can be stored in HDPE containers.
<b>Storage Hazard Class</b>	:	N/A.

## 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

### 8.1 Occupational exposure limits

**8.2 Engineering Measures** Local exhaust Ventilation is recommended

### 8.3 Personal Protection

<b>Hand Protection</b>	:	Wear gloves – polythene, neoprene or if only exposed for short periods (<15mins) latex. After skin contact, wash suitably with plenty of water. Latex will be natural rubber.
<b>Eye Protection</b>	:	Wear suitable eye protection, such as rated to BS EN 166
<b>Skin Protection</b>	:	If handling large quantities, wear suitable protective clothing.
<b>Respiratory Protection</b>	:	Use in well ventilated areas. Use local exhaust ventilation if exposed for long periods. If excessive inhalation in poorly ventilated area is likely then use a respirator with filter type A.

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>State</b>	:	Thixotropic Paste
<b>Odor</b>	:	Characteristic (Non-Pungent)
<b>Color</b>	:	White, Black
<b>pH</b>	:	Not Applicable
<b>Viscosity</b>	:	Not Applicable
<b>Vapor Pressure</b>	:	Not Applicable
<b>Explosive properties</b>	:	Not Applicable
<b>Flash Point (°C)</b>	:	> 250
<b>Flammability</b>	:	Not Applicable
<b>Boiling Point Range</b>	:	Not Applicable
<b>Oxidizing Properties</b>	:	None
<b>Solubility in Water</b>	:	Not Applicable
<b>Soluble in solvents</b>	:	Miscible in organic solvents, e.g. acetone
<b>Evaporation Rate (Bu Ac =1)</b>	:	Not established

## 10 – STABILITY AND REACTIVITY

<b>Stability</b>	:	Stable at normal temperatures. Unstable (can cure product earlier than determined shelf life) at elevated temperatures, direct sunlight, direct exposure to moisture, humidity.
<b>Conditions to Avoid</b>	:	Non-hazardous polymerization can occur if exposed to elevated temperatures (> 100 °C) or humidity or direct water/moisture for periods of times.
<b>Materials to Avoid</b>	:	Do not allow to contact or store in open containers or with low density plastics.
<b>Hazardous Decomposition</b>	:	Not known.

## 11 – CARCINOGENICITY / TOXICITY

<b>Chronic Toxicity</b>	:	Not tested, but not anticipated
<b>Routes of Exposure</b>	:	See section - 8
<b>Carcinogenicity</b>	:	Not tested, but not anticipated.
<b>Mutagenicity</b>	:	Not tested, but not anticipated.
<b>Reproductive Toxicity</b>	:	Not tested, but not anticipated.
<b>Repeated Dose Toxicity</b>	:	Not tested, but not anticipated.
<b>Additional Information</b>	:	Upon decomposition (under elevated temperature or in presence of humid atmosphere, in case products are supplied openly or if packages are damaged) may generate mild vapors of Methyl-Ethyl Ketoxime (MEKO). Direct exposure of high concentration of MEKO over very long period of time may develop cancer symptoms in rodents. Relevance in humans are still unknown.

## 12 – ECOLOGICAL INFORMATION

Not classified as Dangerous for the Environment by the Conventional Method as detailed in schedule 3, Parts I and III of CHIP3 Regulations.

<b>Mobility</b>	:	Considered to be relatively low due to low water solubility.
<b>Persistence and Degradability</b>	:	Consider to be biodegradable – testing of major (non declarable) component gave a biodegradability result of 85% after 28 days.
<b>Bio – accumulative Potential</b>	:	Expected to be low.
<b>Water Hazard Classification</b>	:	N/A
<b>Ecotoxicity</b>	:	Consider to be low – no observed effect likely to be above the solubility limit.

## 13 – DISPOSAL CONSIDERATION

<b>Disposal Information</b>	:	Do not discharge into drains or Watercourses. Dispose of product through properly licensed contractors under national and local legislation. Dispose of in accordance with the Special
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Waste Regulations 1996. Alternatively, product can be polymerized using AP49 activator. (Care should be taken if polymerizing a large quantity of product due to exothermic reaction). Hardened product can be disposed of as chemical waste by incineration or by licensed contractors.

**Disposal of Packaging** : Product residues can be cleaned out of containers. Clean containers can be disposed of by landfill or incineration or possibly recycled.

**Note** : *The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.*

## 14 – TRANSPORT INFORMATION

### 14.1 ADR / RID

<b>UN Number:</b>	NA	<b>Classification Code:</b>	NA
<b>ADR Class:</b>	NA	<b>Shipping Name:</b>	
<b>Packing Group:</b>	Non-Regulated	<b>Labeling:</b>	
<b>Hazard ID No:</b>		<b>Flash Point:</b>	

### 14.2 IMDG / IMO

<b>UN Number:</b>	NA	<b>Class:</b>	NA
<b>Packing Group:</b>	Non-Regulated	<b>Labeling:</b>	
<b>EmS:</b>		<b>Marine Pollutant:</b>	

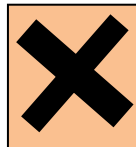
### 14.3 LATA / ICAO

<b>UN Number:</b>	NA	<b>Class:</b>	NA
<b>Packing Group:</b>	Non-Regulated	<b>Labeling:</b>	

### Packing Instructions:

## 15 – REGULATORY INFORMATION

### Hazard Symbols



### Risk Phrases

: R20 Harmful by inhalation  
R34 Causes burn  
R37 Irritating to respiratory system  
R43 May cause sensitization by skin contact

<b>Safety Phrases</b>	: S23	Do not breathe vapors
	S24/25	Avoid contact with eyes and skin.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S27/28	After contact with skin, take off immediately all contaminated clothing and wash immediately with plenty of water.
	S36/37/38	Wear suitable protective clothing, gloves and eye/face protection
	S45	In case of accident or if you feel unwell seek medical advice immediately
	S51	Use only in well-ventilated areas.

#### Other Relevant Regulations and Publications

Health and Safety at Work Act 1974	Controls of Substances Hazardous to Health Regulations 1994
COSHH Essentials	EH40/Series – Occupational Exposure Limits
Environmental Protection Act 1982	Special Waste Regulations 1996

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations and provisions.

#### 16 – OTHER INFORMATION

This safety Data Sheet is compiled with reference to The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP3), which implement the Council Directives 67/548/EC (The Dangerous Substance Directive) and 99/45/EC (The Dangerous Preparations Directive), and subsequent amending regulations to both, and also the Safety Data Sheet Directive 91/155/EC and subsequent amending regulations.

This Safety Data Sheet is also compiled with reference to regulation 1907/2006/EC and amendments.

<b>Risk phrases used in Section 2</b>	: R7	May cause fire.
	R10	Flammable
	R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
	R23/24	Toxic by inhalation and in contact with skin
	R25	Toxic if swallowed
	R34	Causes burns
	R35	Causes severe burns
	R36/37/38	Irritating to eyes, respiratory system and skin
	R40	Limited evidence of carcinogenic effect
	R43	May cause sensation by skin contact

R48/20/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed
R50	Very toxic to aquatic organisms.
R51/52/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.

The information contained in this safety data sheet was obtained from a variety of sources and is believed to be accurate and current at the issued date. Fasto Advance Adhesive Technologies and/or its agents cannot accept any liability for the use of information contained in this data sheet or for the use, application or processing of the product described in this data sheet. Users should note the possibility of hazards occurring due to improper use of the product.

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Next Review Date\*\*: 01.07.2025

\*\*Due to continuous research & development, data review date can be preponed.