



# Material Safety Data Sheet

## SIKASIL-GP

### SECTION 1 – Product and Company Identification

PRODUCT NAME: SIKASIL-GP  
PRODUCT CODE: SIKASIL-GP Silicone Sealant  
ADDRESS: Sika Corporation  
201 Polito Avenue  
Lyndhurst, NJ 07071  
PHONE: (201) 933 - 8800  
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EMERGENCY PHONE: (CHEMTREC) (800) 424 9300  
International (CHEMTREC) (703) 527-3887  
REVISION DATE : 11/05/10 SUPERSEDES: 12/03/08

### SECTION 2 – COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

This product consists of a mixture/preparation.

CAS Number	Ingredient	Wt. %
17689-77-9	Ethyltriacetoxysilane	1-5
4253-34-3	Methyltriacetoxysilane	1-5

\*The above components are hazardous as defined in 29 CFR 1910.1200

### SECTION 3 – HAZARDS IDENTIFICATION

#### MAIN SYMPTOMS:

EYE: Direct contact irritates moderately with redness and swelling.  
SKIN: A single short exposure (less than 24 hours) may irritate. Repeated prolonged contact (24 to 48 hours) may irritate moderately.  
INHALATION: Irritates respiratory passages very slightly. Overexposure may cause drowsiness.  
ORAL: May cause vomiting.  
HMIS HAZARD CODES: Health: 2 Flammability: 1 Reactivity: 0 PPE: C

COMMENTS When heated to temperatures above 150°C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde.

### SECTION 4 – FIRST-AID PROCEDURES

INHALATION: Remove to fresh air. If ill effects persist, get medical attention.  
SKIN CONTACT: Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation develops or ill effects persist.  
EYE CONTACT: Immediately flush with water for 15 minutes. Get medical attention.  
INGESTION: Get medical attention.  
COMMENTS: Treat according to person's condition and specifics of exposure.

### SECTION 5 – FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Compatible with all usual extinguishing media



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**FIRE-FIGHTING PROCEDURES:** Wear full protective clothing, positive pressure or pressure demand breathing apparatus and protective covering for exposed areas of the head. If large amount is involved, evacuate area..

**FLASH POINT (CLOSED CUP):** Greater than 212F (100C)

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: metal oxides, silicone dioxide, carbon oxides and traces of incompletely burned carbon compounds, nitrogen oxides and formaldehyde.

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### SECTION 6 – ACCIDENTAL RELEASE MEASURES

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**PERSONAL PRECAUTIONS:** Observe all personal protective equipment recommendations described in Sections 5 and 8.

**ENVIRONMENTAL PRECAUTIONS:** Disposal of collected product, residues, and cleanup materials may be governmentally regulated. Observe all applicable local, state and Federal waste management regulations.

**METHODS FOR CLEANING UP:** Ventilate area. Contain spill. Evacuate unprotected personnel from hazard area. Wipe up or scrape up and contain for salvage or disposal. Cover with absorbent, place in approved drum; Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state, and federal reporting requirements may apply to spills or releases of this material into the environment. See applicable regulatory compliance information in Section 15.

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### SECTION 7 – HANDLING AND STORAGE

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**HANDLING:** Assure good ventilation. Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact. Do not take internally. Avoid breathing vapor.

**STORAGE:** Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.

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### SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

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**ENGINEERING CONTROLS:**

**LOCAL EXHAUST:** Recommended

**GENERAL VENTILATION:** Recommended

**PERSONAL PROTECTIVE EQUIPMENT:**

**EYE PROTECTION:** Avoid eye contact. Use proper protection, safety glasses as a minimum.

**SKIN AND BODY PROTECTION:** Avoid skin contact. Protect hands with impervious rubber gloves and wear typical full cover clothing. Gloves must be checked before each use for signs of degradation and penetration and for proper functioning. Use nitrile or butyl rubber gloves.

**RESPIRATORY PROTECTION:** Avoid breathing of vapors. Wear appropriate, properly fitted NIOSH/MSHA approved respirator when the airborne contaminant levels exceed the exposure limits indicated on the MSDS. Follow respirator manufacturer's directions for respirator use.

**HYGIENE MEASURES (INGESTION):** Wash hands after handling and before eating.

**Precautionary measures:** Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do not take internally.

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



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### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM:	Solid (Paste)
ODOR:	Acetic acid (vinegar odor)
FLASHPOINT:	Greater than 65°C (150°F)
VAPOR PRESSURE (AT 100°F):	Not Applicable
VAPOR DENSITY:	Not Determined
DENSITY:	7.92 lbs/gal
SOLUBILITY IN WATER (%):	NIL
SPECIFIC GRAVITY (AT 77°F/25°C):	0.95
% VOLATILE BY VOLUME:	Not Determined
VOLATILE ORGANIC CONTENT (VOC):	Not Determined
FLASH POINT (SETAFLASH):	Greater than 100°C (212°F)
NOTE:	The above information is not intended for use in preparing product specifications.

### SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable. No hazardous reactions when stored and handled according to prescribed instructions.
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition products as described in Section 5.

### SECTION 11 – TOXICOLOGICAL INFORMATION

CHRONIC EXPOSURE:	
SKIN:	Repeat contact with skin may irritate moderately. Acetic acid may cause skin irritation.
INHALATION:	Vapor overexposure may irritate eyes, nose, and throat. Exposure to acetic acid may cause respiratory tract irritation, although chronic exposure may cause chronic bronchitis
ORAL:	Swallowing may have adverse effects depending on quantity ingested.
SPECIFIC EFFECTS:	This material contains the following components with the special hazards listed below. Carcinogens: None Known Teratogens: None Known Mutagens: None Known Reproductive toxins: None Known

### SECTION 12 – ECOLOGICAL INFORMATION

Do not allow product to enter waste water drains, waterways or soil. However, when exposed to moisture and air in the environment, the product cures to a solid state in which no leach-able materials will be released.

### SECTION 13 – DISPOSAL INFORMATION

PRODUCT DISPOSAL:	<u>RCRA Hazard Class (40 CFR 261)</u> When a decision is made to discard this material, as received, is it classified as a hazardous waste? NO. State or local laws may impose additional regulatory requirements regarding disposal.
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### SECTION 14 – TRANSPORT INFORMATION

<u>DOT Information (49CFR 172.101)</u>	
PROPER SHIPPING NAME:	Not Applicable
HAZARD CLASS:	Not Applicable
UN / NA NUMBER:	None
PACKING GROUP:	Not Applicable

### SECTION 15 – REGULATORY INFORMATION



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Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR1910.1200.

**US FEDERAL REGULATIONS:**

**CERCLA/SARA – Hazardous Substances and their Reportable Quantities**

Acetic Acid	64-19-7	final RQ = 5000 pounds (2270 kg)
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**TOXIC SUBSTANCE CONTROL ACT (TSCA):**

TSCA Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

**SARA 302 EXTREMELY HAZARDOUS SUBSTANCES**

None

**SARA 311/312 HAZARD CATEGORIES:**

Immediate:	Yes
Delayed:	No
Fire:	No
Pressure:	No
Reactive:	No

**Section 313**

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act:

Chemical	CAS No.	Wt%
Acetic Acid	64-19-7	0.1 – 1.5

**STATE REGULATIONS:**

This product does comply with the California Air Resources Board maximum for VOC's in a sealant.

**STATE RIGHT-TO-KNOW REGULATIONS:**

States within the US that have promulgated State Right-to-Know regulations with chemical listing requirements including the chemicals in this product are provided below.

<i>Chemical</i>	<i>CAS No.</i>	<i>Wt%</i>	<i>States</i>
Dimethyl siloxane	70131-67-8	> 50	Pennsylvania, New Jersey
Silica, amorphous	7631-86-9	7-13	Massachusetts, Pennsylvania, New Jersey
Hydrotreated middle petroleum distillates	64742-46-7	> 10	Massachusetts, Pennsylvania, New Jersey
Ethyltriacetoxysilane	17689-77-9	1-5	New Jersey
Methyltriacetoxysilane	4253-34-3	1-5	New Jersey



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**.INTERNATIONAL:**

**Canada**

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

**Canadian DSL**

All ingredients in this product are currently listed on the Canadian Domestic Substances List (DSL), and would not be considered new for the purposes of the Canadian Environmental Protection Act (CEPA).

**Note:**

The recipient of this product should be aware of the possible existence of additional local regulations, which may be applicable to this product.

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SECTION 16 – OTHER INFORMATION

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The information contained in this Material Safety Data Sheet applies only to the actual Sika Corporation ("Sika") product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified Sika product in combination with any other material, product or process. All of the information set forth herein is based on technical data regarding the identified product that Sika believes to be reliable as of the date hereof. Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's current Technical Data Sheet, product label and Material Safety Data Sheet for each Sika product, which are available at web site and/or telephone number listed in Section 1 of this MSDS.

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