

MATERIAL SAFETY DATA SHEET

Anchor Seal, Inc.

RTV GI SERIES ACTIVATOR

Section 1. Chemical Product and Company Identification	
Product name/ GI-300, GI-1000, GI-1110, GI-1040, GI-179, GI-UFC. Trade Name GI SERIES RTV ACTIVATOR (Part A) Manufacturer <div style="margin-left: 40px;">Silicone's, Inc 211 Woodbine Street High Point, NC 27261</div>	IN CASE OF EMERGENCY: INFOTRAC: 1-800-535-5053 INFORMATION: 1-800-774-5217
Date of Preparation: 8/26/09	Replaces: 4-10-01
Preparers Name Peter E. Spinney	

Section 2. Composition, Information on Ingredients			
Component Information		Exposure Limits	
Chemical Name:	CAS#	TLV (ppm) ACGIH	OSHA PEL, TWA
Organo tin compounds	mixture	0.1 mg/m ³ as tin	N/E
Ethyl silicate	78-10-4	10 ppm	
Polymeric ethyl silicate	11099-06-02	N/A	

TLV™-Threshold Limit Value exposure (8 hour, time weighted average unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. PEL - OSHA Permissible Exposure Limit. N/E indicates that no exposure limit has been established.

Section 3. Hazards Identification	
WARNING!	
Potential Health Effects	Primary Routes of Exposure:
<input type="checkbox"/> Skin contact	<input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion
Routes of Exposure	Symptoms
Inhalation	Low vapor pressure makes inhalation unlikely in normal use.
Skin	Slight irritant. Not readily absorbed by skin in toxic amounts.
Eyes	May cause slight eye irritation, redness and pain.
Ingestion	Harmful if swallowed. May cause nausea and irritation to the gastrointestinal tract.
Chronic	The effects of long-term, low-level exposures to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the minimizing contact and using appropriate personal protective equipment.
Carcinogenicity	OSHA: Not Regulated NTP: Not Listed IARC: Not Listed

Section 4. First Aid Measures	
Eyes	Immediately wash the eyes with large amounts of water for at least 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately.
Skin	Immediately wash the contaminated skin with soap and water. If this chemical penetrates the clothing, immediately remove the clothing, wash the skin with soap and water.
Inhalation	Immediately move the exposed person to fresh air. If breathing is difficult, properly trained personnel may administer oxygen. Get medical attention if symptoms persist.
Ingestion	If large quantities have been swallowed get medical attention.

Section 5. Fire Fighting Measures	
Extinguishing Media: Carbon Dioxide Sand Dry Chemical Foam	
Flash Point	>200°F ASTM D-1310, open cup. LEL: N/D UEL: N/D
Flammability Classification OSHA/NFPA	Flash Pt. N/A Class Liquid
Extinguishing Media	Carbon dioxide, dry chemical, foam.

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Unusual Fire and Explosions Hazards	Isolate fire area and deny unnecessary entry. Fire fighters should wear positive-pressure self-contained breathing apparatus (SCBA) and protective clothing. Cool closed containers with WATER SPRAY to avoid rupture of containers. Heat from fire can generate vapor and decomposition products that may cause a health hazard.
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Section 6. Accidental Release Measures	
ISOLATE AREA OF THE SPILL! Eliminate all ignition sources. Soak up small spills with inert solids such as vermiculite or other absorbent materials. Shovel into suitable disposal container. Persons not wearing protective equipment should be excluded from the area of spill until cleanup has been completed.	

Section 7. Handling & Storage	
Store material in a clean, cool, ventilated area. Clean up spills at once. Keep container tightly closed when not in use. Avoid skin and eye contact. Avoid breathing vapors if generated. Always wear protective equipment. Wash hands and other exposed areas thoroughly after handling.	

Section 8. Exposure Controls/Personal Exposure	
Eye Protection	Avoid splashing. Wear chemical-resistant safety goggles or face shield. Contact lenses must not be worn.
Skin Protection	Chemical resistant synthetic rubber (neoprene, nitrile) gloves and other protective clothing are recommended to prevent repeated or prolonged skin contact.
Respiratory Protection	If personal exposure cannot be controlled below applicable limits by area ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in section 2.
Ventilation	General area ventilation is acceptable if the exposure is maintained below applicable exposure limits. (See Section 2) Local exhaust is recommended for confined areas. See 29 CFR 1910.146
Other Precautions	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Section 9. Physical and Chemical Properties			
Percent Volatile Content by Volume (PBV) or Weight (PBW)	Neg.	Specific Gravity (gm/cc)	0.99
VOC Content (less water) Note 1	N/E	Weight per Gallon	8 lb.
Boiling Point	N/E	Evaporation Rate	N/E
Vapor Pressure (mm Hg)	N/E	Solubility in Water	slight
Vapor Density (Air=1)	N/E	Appearance and Odor	Liquid, slight alcohol odor

Section 10. Stability and Reactivity	
Stability	Stable
Conditions to Avoid	Protect from heat, sparks, flame and other possible sources of ignition.
Incompatibility	Avoid contact with acids, bases and water.
Hazardous Decomposition Products	Ogano-tin fumes may evolve during combustion..
Hazardous Polymerization	None

Section 11. Toxicological Information Acute Toxicity (see Section 3. for Exposure Symptons)
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<i>Chemical Identity</i>	<i>ORAL LD 50</i>	<i>DERMAL LD 50</i>	<i>Inhalation LC 50</i>
N/A	N/E	N/E	N/E

Section 12. Ecological Information
 Material has not been tested for potential adverse effects to the environment.

Section 13 Disposal Considerations
 RCRA: This product, if disposed as shipped, is not considered a hazardous waste as specified in 40 CFR 261. Dispose of in accordance with all applicable federal, state and local regulations.

Section 14 Transportation Information
 This product, if offered for shipment, is **not regulated** by US DOT 49 CFR Parts 171 - 180: Regulation of Hazardous Materials Transportation in Commerce.

Shipping Information	Liquid RTV Silicone Activator
Classification	N/A
Identification	N/A
Packing Group	N/A
Label	N/A

Section 15. Regulatory Information
Regulations Governing Product:
 Inventory Status: United States (TSCA) - All ingredients are on the inventory or are exempt from listing.
 SARA TITLE III
 EPCRA 311/312 Tier II Chemical Inventory Reporting: Immediate (acute)

	Health	Flammability	Chemical Reactivity
HMIS Rating	1	2	0

Regulations Governing Ingredients

<i>Chemical Name</i>	<i>CAS #/ Category#</i>	<i>CERCLA RQ</i>	<i>EPCRA 313 RQ</i>	<i>EPCRA 302 RQ EHS</i>
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Section 16 Other Information

REFERENCES

CRC Press: Handbook of Chemical and Physical Constants by David R. Lide
 Merck & Company: The Merck Index
 Sigma-Aldrich Company: Aldrich Handbook of Fine Chemicals
 Dictionary of Toxicology by Robert Lewis
 US Department of Transportation, Research and Special Programs Administration: Hazardous Materials Table

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