

**View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16****SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

30507

**Product Name:** Loctite Instant Gasket  
**Chemical Family:** Silicone  
  
**Manufacturer MSDS.:** 30507  
**Manufacturer Name:** Henkel Corporation  
**Address:** 1001 Trout Brook Crossing  
Rocky Hill Connecticut 06067 United States  
**Email:** www.loctite.com  
**Business Phone:** 860.571.5100  
**Emergency Phone:** 860.571.5100  
**Creation Date:** 11/02/2006  
**Revision Date:** 11/02/2006  
**Trade Names:** Loctite(R) Instant Gasket  
  
**Product Codes:** 30507

**HMIS**

HEALTH	1
FIRE	1
REACTIVITY	0
PPE	

[To Top of page](#)**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**

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<b>Ingredient Name</b>	<b>CAS#</b>	<b>Ingredient Percent</b>
Calcium carbonate <b>EC Index Number:</b> 1	471-34-1	30-60 by Weight
Nitrogen <b>EC Index Number:</b> 1	7727-37-9	1-5 by Weight
Methyl ethyl ketoxime <b>EC Index Number:</b> 1	96-29-7	1-5 by Weight
Carbon black <b>EC Index Number:</b> 1	1333-86-4	0.1-1 by Weight

**Comments:** Non hazardous components Silicone Resins 30-50% Exposure to moisture during cure will release 0.1 - 0.9% methyl alcohol. Methyl ethyl ketoxime(MEKO) is formed during cure. This product will release up to 5% MEKO.

[To Top of page](#)**SECTION 3 : HAZARDS IDENTIFICATION**

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**Emergency Overview:** CAUTION: CONTENTS UNDER PRESSURE. MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
**Physical State:** Paste  
**Color:** Black  
**Odor:** Mild  
**Comments:** See Section 11 for additional toxicological information.

**Applies to All Ingredients :**

**Route of Exposure:** Skin, Inhalation, Eyes, Ingestion  
**Potential Health Effects:**  
**Eye Contact:** Vapors may irritate eyes. Contact with eyes will cause irritation.  
**Skin Contact:** May cause skin irritation with discomfort or rash.  
**Inhalation:** Vapors and mists will irritate the respiratory tract and nasal passages. When heated to temperatures exceeding 300° F (150° C) in the presence of air, silicones may form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Vapors irritate the eyes, nose and throat. Safe handling conditions may be maintained by keeping formaldehyde vapor concentrations below the OSHA permissible limit. The silane is a skin and eye irritant and may cause skin burns. Overexposure may cause coma and respiratory failure. The low concentration makes such overexposure unlikely and minimizes its affect on health and safety.  
**Ingestion:** Moderately toxic by ingestion. Not expected under normal conditions of use.  
**Aggravation of Pre-Existing Conditions:** Skin disorders.

**SECTION 4 : FIRST AID MEASURES**

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Eye Contact:	Rinse immediately with plenty of water; also under the eyelids, for at least 15 minutes. Get medical attention.
Skin Contact:	Wipe off paste with paper towel or cloth. Wash with soap and water.
Inhalation:	Remove to fresh air. If discomfort persists seek medical attention.
Ingestion:	Do not induce vomiting. Keep individual calm. Obtain medical attention.

[To Top of page](#)**SECTION 5 : FIRE FIGHTING MEASURES**

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Flash Point:	(Base only) Greater than 93 deg C (200 deg F)
Flash Point Method:	Tagliabue closed cup
Upper Flammable or Explosive Limit:	Not available
Lower Flammable or Explosive Limit:	Not available
Auto Ignition Temperature:	Not available
Extinguishing Media:	Carbon dioxide (CO2). Dry chemical. Foam. Water spray.
Hazardous Combustion Byproducts:	Acrid smoke and fumes. Formaldehyde. Irritating organic vapors.
Fire Fighting Instructions:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. Water spray may be ineffective. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.
Unusual Fire Hazards:	Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat.

[To Top of page](#)**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

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Spill Cleanup Measures:	Scrape up as much material as possible. Maintain good ventilation for large spills. Store in a partly filled, closed container until disposal.
Environmental Precautions:	Do not flush into surface water or sanitary sewer system.

[To Top of page](#)**SECTION 7 : HANDLING and STORAGE**

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Handling:	Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Do not wear contact lenses.
Storage:	Store in a dry area below 90 deg F Keep container closed.
Comments:	For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

Incompatible products	Never allow product to get in contact with water during storage.
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Engineering Controls:	Use local exhaust ventilation to maintain airborne concentrations below established exposure limits.
Skin Protection Description:	Chemical resistant, impermeable gloves. Impervious clothing
Eye/Face Protection:	Safety goggles or safety glasses with side shields.
Respiratory Protection:	Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.
Comments:	See Section 8 for Exposure Limits.

**Ingredient Guidelines****Ingredient:** Calcium carbonate

**Guideline Information:** ACGIH TLV: 10 mg/m<sup>3</sup> TWA (particulate matter containing no asbestos and <1% crystalline silica); OSHA PEL: 15 mg/m<sup>3</sup> TWA (total dust) 5 mg/m<sup>3</sup> TWA (respirable fraction); OTHER: None;

**Ingredient:** Carbon black

**Guideline Information:** ACGIH TLV: 3.5 mg/m<sup>3</sup> TWA; OSHA PEL: 3.5 mg/m<sup>3</sup> TWA; OTHER: None;

**Ingredient:** Methyl ethyl ketoxime

**Guideline Information:** ACGIH TLV: None; OSHA PEL: None; OTHER: 10 ppm, dermal sensitizer TWA, (WEEL);

**Ingredient:** Nitrogen

**Guideline Information:** ACGIH TLV: None; OSHA PEL: None; OTHER: None;

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Color:	Black
Odor:	Mild
Physical State:	Paste
pH:	Not applicable
Vapor Pressure:	<5 mmHg @20 deg C (68 deg F)
Vapor Density:	Heavier than air
Boiling Point:	Not applicable
Melting Point:	Not available

n-Octanol/water partition coefficient:	Not available
Solubility in Water:	Polymerizes in presence of water
Specific Gravity:	1.3 at 20 deg. C
Evaporation Point:	Not available
Volatile Organic Compound Content:	3.65%; 47.4 grams/liter

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## SECTION 10 : STABILITY and REACTIVITY

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Chemical Stability:	Stable.
Conditions to Avoid:	Moisture.
Incompatibilities with Other Materials:	Polymerizes on contact with water.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	Methyl ethyl ketoxime formed during cure.

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## SECTION 11 : TOXICOLOGICAL INFORMATION

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### **Calcium carbonate :**

Target Organ Data:	Nuisance dust
Carcinogenicity:	OSHA Designation: No; NTP Designation: No; IARC Designation: No;

### **Nitrogen :**

Target Organ Data:	No Target Organs
Carcinogenicity:	OSHA Designation: No; NTP Designation: No; IARC Designation: No;

### **Methyl ethyl ketoxime :**

Target Organ Data:	Allergen, Blood, Central nervous system, Eyes, Irritant, Some evidence of carcinogenicity
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Carcinogenicity:	OSHA Designation: No; NTP Designation: No; IARC Designation: No;
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### **Carbon black :**

Target Organ Data:	Respiratory, Some evidence of carcinogenicity
Carcinogenicity:	OSHA Designation: Yes; NTP Designation: No; IARC Designation: Group 2B;

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## SECTION 12 : ECOLOGICAL INFORMATION

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Ecological Paragraph:	No specific studies have been conducted by Henkel on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, groundwater, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.
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## SECTION 13 : DISPOSAL CONSIDERATIONS

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Waste Disposal:	Cured rubber can be incinerated or landfilled following EPA and local regulations.
EPA Waste Number:	Not a RCRA hazardous waste.
Comments:	Information provided is for unused product only.

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## SECTION 14 : TRANSPORT INFORMATION

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Transportation Information:	The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.
DOT Shipping Information:	Exceptions: Consumer Commodity ORM-D Aerosols, not more than 1 L - ;
DOT Shipping Name:	Aerosols, non-flammable
DOT Hazard Class:	2.2
DOT Identification Number:	UN 1950
DOT Packing Group:	None
IMO:	Exceptions: None ;
IMO Shipping Name:	Aerosols, Non-flammable
IMO Hazard Class:	2.2
IMO UN Number:	UN1950
IMO Packing Group:	None
IATA:	Exceptions: May Qualify as Consumer Commodity ID8000;
IATA Shipping Name:	Aerosols, non-flammable
IATA Hazard Class:	2.2
IATA UN Number:	UN1950
IATA Packing Group:	None
Maritime Transportation CGVS/GGVE/IMDG:	Marine pollutant: None;

Maritime Pollutant: None

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## SECTION 15 : REGULATORY INFORMATION

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### Applies to all ingredients:

**TSCA 8(b): Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

**TSCA 12(b): Export Notification** None.

**Section 302:** None.

**Section 312 Hazard Category:** Immediate Health Hazard, Delayed Health Hazard, Pressure

**Section 313 Toxic Release Form:** None.

**State:** California Proposition 65: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**Regulatory Paragraph:** CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Domestic Substances List.

**Canada WHMIS:** A, D.2.B

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## SECTION 16 : ADDITIONAL INFORMATION

30507

### HMIS:

**Health Hazard:** 1\*

**Fire Hazard:** 1

**Reactivity:** 0

**Personal Protection:** See Section 8

**MSDS Author:** Lou Fabrizio, Senior Health & Regulatory Affairs Specialist

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