

LOCTITE CORPORATION

1001 TROUT BROOK CROSSING
 ROCKY HILL, CT 06067-3910
 EMERGENCY PHONE: (860) 571-5100

ISSUED 8/31/98
 14:01:42
 FAX: (860) 571-5465

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Spray-A-Gasket(R) High Tack(TM) Sealant
 Item No.: 80064
 Part No.: 99GA
 Product Type: Aerosol Sealant

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
ACETONE	67-64-1	25-35
METHYLENE CHLORIDE*	75-09-2	10-20
VM & P NAPHTHA	8032-32-4	1-5
ETHYL ACETATE	141-78-6	1-10
PROPANE	74-98-6	5-50
BUTANE	106-97-8	5-50

* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
ACETONE	500 ppm TWA 1188 mg/m3	750 ppm TWA 1800 mg/m3	None
METHYLENE CHLORIDE	50 ppm TWA 174 mg/m3	25 ppm TWA	None
VM & P NAPHTHA	300 ppm 1370 mg/m3	300 ppm 1350 mg/m3	None
ETHYL ACETATE	400 ppm TWA 1440 mg/M3	400 ppm TWA 1400 mg/M3	None
PROPANE	2500 ppm	1000 ppm 1800 mg/m3	None
BUTANE	800 ppm TWA 1900mg/M3	800 ppm TWA 1900mg/M3	None
Exposure Limits (STEL)			
Ingredients	ACGIH (TLV)	OSHA (PEL)	
ACETONE	750 ppm 1782 mg/m3	1000 ppm 2400 mg/m3	
METHYLENE CHLORIDE	None	125 ppm	
VM & P NAPHTHA	None	400 ppm 1800mg/m3	
PROPANE	Asphyxiant	Asphyxiant	

3. HAZARDS IDENTIFICATION

Toxicity: May cause transient irritation in eyes. High concentrations may cause nasal and respiratory irritation.

Primary Routes of Entry: Inhalation, Ingestion

Signs and Symptoms of Exposure: May cause transient irritation in eyes. High concentrations may cause nasal and respiratory irritation

Existing Conditions Aggravated by Exposure: Cardiovascular system

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
ACETONE	AC4 BLO CNS IRR	NO	NO	NO
METHYLENE CHLORIDE	AC3 CNS IRR LIV	YES	2B	YES
VM & P NAPHTHA	AC3 CNS IRR	NO	NO	NO
ETHYL ACETATE	AC4 CNS IRR	NO	NO	NO
PROPANE	CAR CNS IRR	NO	NO	NO
BUTANE	CAR CNS IRR	NO	NO	NO

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Page 2 of 4

Product Name: Spray-A-Gasket(R) High Tack(TM) Sealant
Item No.: 800643. HAZARDS IDENTIFICATION

(continued)

Abbreviations

ZB Possibly carcinogenic to humans	AC3 ACGIH animal carcinogen.
AC4 ACGIH-Unclassifiable as human carc.	BLD Blood
CAR Cardiac	CNS Central nervous system
IRR Irritant	LIV Liver

4. FIRST AID MEASURES

Ingestion:	Do not induce vomiting. Get medical attention immediately.
Inhalation:	Remove victim to fresh air. Apply artificial respiration if necessary. Get medical attention.
Skin Contact:	Remove contaminated clothing and wash before reuse. Wash skin with soap and warm water. Get medical attention if irritation persists.
Eye Contact:	Flush with water for at least 15 minutes. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash Point:	Not applicable
Recommended Extinguishing Agents:	Carbon dioxide, foam, dry chemical(B-C)
Special Firefighting Procedures:	Keep containers cool using water spray. Use proper equipment to protect personnel from bursting containers.
Hazardous Products formed by Fire or Thermal Decomposition:	CO, CO2, hydrogen chloride, phosgene, chlorine.
Unusual Fire or Explosion Hazards:	Contents under pressure. Do not expose to temperatures exceeding 120 degrees F as containers may vent, rupture or burst.
Explosive Limits:	
(% by volume in air) Lower	Not established.
(% by volume in air) Upper	Not established.

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak:	Soak up with absorbent material. Scoop or scrape up and place in closed container.
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7. HANDLING AND STORAGE

Safe Storage:	Do not store at temperatures above 120 degrees F. Do not puncture containers. Keep out of the reach of children.
(Contact Loctite Customer Handling:	Service 1-800-243-4874 for shelf life information. Avoid contact with eyes and skin. Avoid breathing vapor.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes:	Safety glasses or goggles.
Skin:	Rubber gloves.
Ventilation:	Maintain adequate ventilation
Respiratory	None required for normal use.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear spray.
Odor:	Solvent
Boiling Point:	Not established
pH:	Not established

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Page 3 of 4

Product Name: Spray-A-Gasket(R) High Tack(TM) Sealant
Item No.: 800649. PHYSICAL AND CHEMICAL PROPERTIES (continued)Solubility in Water: Nil.
Specific Gravity: 0.8
Volatile Organic Compound
(EPA Method 24): 45wt.%.
Vapor Pressure: 49psi.
Vapor Density: Not established
Evaporation Rate
(Ether = 1): Not established10. STABILITY AND REACTIVITYStability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Strong oxidizers, strong alkalis, reactive metals.
Conditions to Avoid: None known
Hazardous Decomposition
Products (non-thermal): CO, CO2, Hydrogen chloride, phosgene, chlorine.11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Dispose of in accordance with local, state, and federal regulations. Contains Methylene Chloride, Acetone and ethyl acetate.

EPA Hazardous Waste Number: F002, F003 per 40CFR 261.31

14. TRANSPORTATION INFORMATIONDOT (49 CFR 172)
Domestic Ground Transport
Proper Shipping Name: Consumer commodity
Hazard Class or Division: ORM-D
Identification Number: None
Marine Pollutant: None
IATA
Proper Shipping Name: Aerosols, flammable, n.o.s., containing substance in Division 6.1, Packing Group III
Class or Division: Division 2.1 Subsidiary Risk 6.1
UN or ID Number: UN 195015. REGULATORY INFORMATION

CA Proposition 65: Warning: This product contains a chemical known to the State of California to cause cancer.

16. OTHER INFORMATIONEstimated NFPA(R) Code:
Health Hazard: 2
Fire Hazard: 4
Reactivity Hazard: 0
Specific Hazard: Does not applyEstimated HMIS(R) Code:
Health Hazard: 2
Flammability Hazard: 4
Reactivity Hazards: 0
Personal Protection: See Section 8.NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

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Page 4 of 4

Product Name: Spray-A-Gasket(R) High Tack(TM) Sealant
Item No.: 80064

16. OTHER INFORMATION

(continued)

Prepared By: C.J. Michaels
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