

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

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99GA HIGH TACK SPRAY 4.75OZ AE
80064

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 99GA HIGH TACK SPRAY 4.75OZ AE
Item No.: 80064
Part No.: 99GA
Product Type: Aerosol

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
ACETONE	67-64-1	40-50
BUTANE	106-97-8	5-35
ISOBUTANE	75-28-5	5-35
PROPANE	74-98-6	5-35
ETHYL ACETATE	141-78-6	1-10
Light aliphatic solvent naphtha	64742-89-8	1-10
Resin ester	68648-53-3	1-10
BENZENE*	71-43-2	0.001-0.01

* 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	750 ppm TWA 1780 mg/m3	750 ppm TWA 1800 mg/m3	None
BUTANE	800 ppm TWA 1900mg/M3	800 ppm TWA 1900mg/M3	None
PROPANE	Asphyxiant	1000 ppm 1800 mg/m3	None
ETHYL ACETATE	400 ppm TWA 1440 mg/M3	400 ppm TWA 1400 mg/M3	None
Light aliphatic solvent naphtha	5mg/m3 TWA mist	5mg/m3 TWA mist	None
BENZENE	10 ppm 32 mg/m3	1 ppm ceiling: 25 ppm	OSHA Action: 0.5 ppm
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	
ACETONE	1000 ppm 2380 mg/m3	1000 ppm 2400 mg/m3	
Light aliphatic solvent naphtha	10 mg/m3	None	

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2. COMPOSITION, INFORMATION ON INGREDIENTS

(continued)

BENZENE None 5 ppm
max 50ppm 10'

3. HAZARDS IDENTIFICATION

Toxicity: Eye and skin irritant. Aspiration hazard if swallowed. Ethyl acetate produce anemia. May cause dizziness or narcosis in high vapor concentration. Will cause defatting of skin. Long term exposure to high concentrations of vapor may cause lung, liver, or kidney damage. Solvents have been reported to affect the central nervous system.

Primary Routes of Entry: Inhalation, ingestion, skin contact

Signs and symptoms of Exposure: Headache, nausea, dizziness. Narcosis at high concentrations. Difficulty in breathing. Redness of skin; vomiting from ingestion.

Existing Conditions

Aggravated by Exposure: Heart diseases, respiratory disorders.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
ACETONE	BLO CNS IRR	NO	NO	NO
BUTANE	CAR CNS IRR	NO	NO	NO
ISOBUTANE	CAR CNS LUN	NO	NO	NO
PROPANE	CAR CNS IRR	NO	NO	NO
ETHYL ACETATE	CNS IRR	NO	NO	NO
Light aliphatic solvent naphtha	No Data	NO	NO	NO
Resin ester	No Data	NO	NO	NO
BENZENE	AC2 BLO BNM CNS IMM IRR MUT P65	YES	1	YES

Abbreviations

P65 California Prop. 65 Carcinogen	1 Carcinogenic to humans
AC2 ACGIH suspected human carcinogen	BLO Blood
BNM Bone Marrow	CAR Cardiac
CNS Central nervous system	IMM Immune system
IRR Irritant	LUN Lung
MUT Mutagen	

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4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm.
Use gastric lavage. Obtain medical attention.
Inhalation: Remove to fresh air. If symptoms persist, obtain
medical attention. Give oxygen.
Skin Contact: Wash with soap and water.
Eye Contact: Flush at least 15 minutes with water. Obtain
medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: -123°F Method: Tag Closed Cup
Recommended
Extinguishing Agents: Carbon dioxide, dry chemical, water fog
Hazardous Products formed
by Fire or Thermal Decomp Aliphatic aldehydes, carboxylic acids, carbon
dioxide.
Unusual Fire or
Explosion Hazards: Heated cans may burst
Explosive Limits:
(% by volume in air) Lower Acetone: 2.5% Butane: 1.9%
Isobutane: 1.8% Propane: 2.1%
Ethyl acetate: 2.0% Aliphatic naphtha: 0.9%
(% by volume in air) Upper Acetone: 12.8% Butane: 8.5%
Isobutane: 8.4% Propane: 9.5%
Ethyl acetate: 11.5% Aliphatic naphtha: 6.7%

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
of spill or leak: Maintain adequate ventilation. Remove sources of
ignition. Soak up in an inert absorbent. Store in
a closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage: Keep away from heat, spark, or open flame.
Store below 120°F.
(Contact Loctite Customer Service 1-800-243-4874 for shelf Life information)
Handling: Avoid prolonged breathing of vapors. Keep away
from eyes. Avoid prolonged skin contact.
Do not use near sources of ignition.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves; long sleeves and long
pants.

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8. EXPOSURE CONTROLS, PERSONAL PROTECTION (continued)

Ventilation: Sufficient to maintain vapor concentration below
TLV; otherwise, use self-contained breathing
apparatus.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red liquid
Odor: Solvent
Boiling Point: 150°F to 175°F
pH: Does not apply
Solubility in Water: Nil
Specific Gravity: 0.7
Volatile Organic Compound
(EPA Method 24) 86.2%; 603 grams per liter (calculated)
Vapor Pressure: Not available
Vapor Density: 4.0
Evaporation Rate
(Ether = 1) More than 1

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Strong oxidizers, strong alkalies, strong mineral
acids, strong acids and bases.
Hazardous Decomposition
Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of
disposal: Incinerate following EPA and local regulations.
Do not incinerate cans still under pressure.

EPA Hazardous Waste
Number D001/D018 - Hazardous waste per 40CFR 261.21 and
may be a TCLP waste per 40CFR.24/Benzene

LOCTITE CORPORATION

09/11/96

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14. TRANSPORT INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Consumer Commodity
Hazard Class or
Division: ORM-D
Identification Number: UN 1950
Marine Pollutant: None

IATA

Proper Shipping Name: Consumer Commodity (Not more than 500 ml);
Aerosols, flammable n.o.s. (More than 500 ml)
Class or Division: Class 9 (Not more than 500 ml);
Division 2.1 (More than 500 ml)
UN or ID Number: ID 8000 (Not more than 500 ml);
UN 1950 (More than 500 ml)

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 1
Fire Hazard: 4
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 1
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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