

Blair Damar Var - Gloss

00439-1035

(8042-00)

V-531
00439-1035

LOCTITE CORPORATION
9-27-01

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

08/08/00

MATERIAL SAFETY DATA SHEET

Page 01 of 07

300-BL GLOSS VAR 11 OZ AE
30016

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 300-BL GLOSS VAR 11 OZ AE
Item No.: 30016
Product Type: Aerosol retouch

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
n-HEXANE*	110-54-3	25-30
Isohexane	107-83-5	15-20
BUTANE	106-97-8	10-15
Medium aliphatic solvent naphtha	64742-88-7	10-15
PROPANE	74-98-6	10-15
TURPENTINE	8006-64-2	10-15
ISOPROPYL ALCOHOL	67-63-0	5-10
Polymer	Proprietary	1-10
CYCLOHEXANE*	110-82-7	1-3

* 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
n-HEXANE	50 ppmTWA (skin)	500 ppm TWA 1800 mg/M3	None
Isohexane	500 ppm	None	None
BUTANE	800 ppm TWA 1900mg/M3	800 ppm TWA 1900mg/M3	None
Medium aliphatic solvent naphtha	None	400 ppm TWA 1600mg/m3 TWA	500 ppm 100 ppm
PROPANE	2500 ppm	1000 ppm 1800 mg/m3	None
TURPENTINE	100 ppm TWA 556 mg/m3 TWA	100 ppm TWA 560 mg/m3 TWA	None
ISOPROPYL ALCOHOL	400 ppm TWA 983 mg/m3	400 ppm TWA 980 mg/m3	400 ppm TWA DuPont AEL
CYCLOHEXANE	300 ppm TWA 1030mg/M3	300 ppm TWA 1050mg/M3	None

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MATERIAL SAFETY DATA SHEET

Page 02 of 07

Product Name: 300-BL GLOSS VAR 11 OZ AE
Item No.: 30016

2. COMPOSITION, INFORMATION ON INGREDIENTS

(continued)

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
Isohexane	1000 ppm	None
PROPANE	Asphyxiant	Asphyxiant
ISOPROPYL ALCOHOL	500 ppm	500 ppm
	1230 mg/m3	1225 mg/m3

3. HAZARDS IDENTIFICATION

Toxicity: Irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Prolonged exposure to solvents ingredients may cause adverse effects to the liver and urinary systems. Prolonged and repeated exposure to hexane may cause damage to nerve and tissue of the arms and legs (peripheral neuropathy), resulting in muscular weakness and loss of sensation. This effect may be increased by the presence of methyl ethyl ketone. Turpentine has been shown to cause tumors in laboratory animals, when they have been exposed to high doses for prolonged periods. It has also been shown to cause behavioral effects and have effects on the kidney/ureter/ bladder, sense organs and lungs/thorax/respiratory systems. It is our best technical judgment that, with proper precautions, normal use of this product poses no such hazards associated with turpentine. These statements for turpentine are

Primary Routes of Entry: present only to comply with OSHA regulations. Exposure may be by inhalation and/or skin or eye contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

Signs and Symptoms of Exposure: Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

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MATERIAL SAFETY DATA SHEET

Page 03 of 07

Product Name: 300-BL GLOSS VAR 11 OZ AE
Item No.: 30016

3. HAZARDS IDENTIFICATION

(continued)

Existing Conditions Aggravated by Exposure: None generally recognized.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
n-HEXANE	DEV IRR LUN NER REP	NO	NO	NO
Isohexane	IRR	NO	NO	NO
BUTANE	CAR CNS IRR LUN	NO	NO	NO
Medium aliphatic solvent naphtha	CNS IRR	NO	NO	NO
PROPANE	CAR CNS IRR	NO	NO	NO
TURPENTINE	ALG BEH ELO BNM CNS EYE IRR KID RES	NO	NO	NO
ISOPROPYL ALCOHOL	ALG BLO CNS IRR KID	NO	N/A	NO
Polymer	No Data	NO	NO	NO
CYCLOHEXANE	CNS IRR	NO	NO	NO

Abbreviations

N/A Not Applicable	ALG Allergen
BEH Behavioral	BLO Blood
BNM Bone Marrow	CAR Cardiac
CNS Central nervous system	DEV Developmental
EYE Eyes	IRR Irritant
KID Kidney	LUN Lung

NER Nervous System
RES Respiratory

REP Reproductive

4. FIRST AID MEASURES

Ingestion: Never give anything by mouth to an unconscious person. Do not induce vomiting. Give conscious patient several glasses of water. Seek medical attention.

Inhalation: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

Skin Contact: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

Eye Contact: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

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MATERIAL SAFETY DATA SHEET

Page 04 of 07

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Item No.: 30016

5. FIRE FIGHTING MEASURES

Flash Point: -20°F (Propellant) Method: Tag closed cup

Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical

Special Firefighting Procedures: Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool containers to prevent pressure build up and possible autoignition or explosion when exposed to extreme heat.

Hazardous Products formed by Fire or Thermal Decomp: Irritating organic vapors; oxides of carbon.

Unusual Fire or Explosion Hazards: Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During

emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Explosive Limits:
(% by volume in air) Lower 0.8%
(% by volume in air) Upper 12.7%

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
of spill or leak:

Remove all sources of ignition. Maintain good ventilation. Soak up with an inert absorbent. Store in a closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage:
(Contact Loctite Customer
Handling:

Keep away from heat, sparks, and open flame. Service 1-800-243-4874 for shelf life information) Keep away from heat, sparks or open flame. Vapors will accumulate readily and may ignite explosively. Avoid breathing of vapor and spray mist. Avoid contact with skin and eyes. During use and until all vapors are gone: Keep area ventilated. Do not smoke. Extinguish all flames, pilot lights, and heaters. Turn off stoves, electric tools and appliances, and other sources of ignition. Consult NFPA Code. Use approved bonding and grounding procedures. Do not puncture, incinerate, or expose

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MATERIAL SAFETY DATA SHEET

Page 05 of 07

Product Name: 300-BL GLOSS VAR 11 OZ AE
Item No.: 30016

7. HANDLING AND STORAGE

(continued)

to temperature above 120°F. Heat from sunlight radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Wash hands after using.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Wear safety spectacles with unperforated sideshields.
 Skin: Chemical resistant gloves.
 Ventilation: Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.
 Respiratory: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic/particulate respirator approved by NIOSH/MSHA for protection against materials in Section II

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to amber liquid
 Odor: Turpentine
 Boiling Point: Range: Less than 0°F to 395°F.
 pH: Does not apply
 Solubility in Water: Not available
 Specific Gravity: 0.67 (Base only)
 Volatile Organic Compound (EPA Method 24) 95.0%; 631 grams per liter
 Vapor Pressure: Not available
 Vapor Density: More than 1 (base only)
 Evaporation Rate (Ether = 1) Faster

10. STABILITY AND REACTIVITY

Stability: Stable
 Hazardous Polymerization: Will not occur
 Incompatibility: None
 Conditions to Avoid: Not available

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08/08/00

MATERIAL SAFETY DATA SHEET

Page 06 of 07

Product Name: 300-BL GLOSS VAR 11 OZ AE
 Item No.: 30016

10. STABILITY AND REACTIVITY

(continued)

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: Do not incinerate. Depressurize container. Dispose of in accordance with federal, state and and local regulations.

EPA Hazardous Waste Number D001 - Hazardous waste per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (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: Consumer Commodity (Not more than 500 ml);
Aerosols, flammable (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: No Prop65 chemicals are known to be present.

16. OTHER INFORMATION

Estimated NFPA(R) Code:
Health Hazard: 2
Fire Hazard: 4
Reactivity Hazard: 0
Specific Hazard: Does not apply

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MATERIAL SAFETY DATA SHEET

Page 07 of 07

Product Name: 300-BL GLOSS VAR 11 OZ AE
Item No.: 30016

16. OTHER INFORMATION

(continued)

Estimated 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.

Prepared By: Stephen Repetto
Title: Research Chemist- Safety, Health & Regulatory Affairs
Company: Loctite Corporation
1001 Trout Brook Crossing, Rocky Hill CT 06067
(860) 571-5100
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