

Balkamp 518 Gasket Elim 50 ML

=====
MATERIAL SAFETY DATA SHEET

Effective Date: none Revision Date: none

Balkamp 518 Gasket Elim 50 ML

Code: LOC Page: 1
=====

Section 1 - Product and Company Identification

PRODUCT NAME: Balkamp 518 Gasket Elim 50 ML

MANUFACTURER'S NAME: EMERGENCY TELEPHONE NUMBER

Loctite Corporation (203)571-5100

Rocky Hill, CT 06067 MISCELLANEOUS INFORMATION

=====
Section 2 - Hazardous Ingredients

Ingredients CAS No. %

Polyurethane methacrylate Proprietary 70-75
Polyglycol dimethacrylate 25852-47-5 5-10
SILICA, AMORPHOUS TREATED 112945-52-5 5-10
ACRYLIC ACID* 79-10-7 5-7
CUMENE HYDROPEROXIDE* 80-15-9 1-3
ETHYLENE GLYCOL* 107-21-1 1-3
1-Acetyl-2-phenylhydrazine 114-83-0 0.1-1
SACCHARIN 81-07-2 0.1-1

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

Ingredients which have exposure limits

Exposure Limits (TWA) ACGIH OSHA OTHER
Ingredients (TLV) (PEL)

SILICA, AMORPHOUS TREATED 10 mg/m3 TWA 6 mg/m3 TWA 3 mg/m3 TWA
resp. dust
ACRYLIC ACID 2 ppm TWA skin 10 ppm TWA skin 1 ppm TWA
skin
5.9 mg/m3 skin 30 mg/m3 skin 3 ppm STEL
skin
ETHYLENE GLYCOL None 50 ppm ceiling None
125mg/m3ceiling

Exposure Limits (STEL) ACGIH OSHA
Ingredients (TLV) (PEL)

ETHYLENE GLYCOL 39.4ppm ceil ar None
100mg/m3 ceil a

=====
MATERIAL SAFETY DATA SHEET

Effective Date: none Revision Date: none

Balkamp 518 Gasket Elim 50 ML

Code: LOC Page: 2
=====

Section 3 - Hazards Indentification

Toxicity: Liquid is an eye and skin irritant.
Vapors may irritate eye, nose and throat.
Estimated oral LD50 more than 5000 mg/kg.
Estimated dermal LD50 more than 2000 mg/kg.
Primary Routes of Entry: None known
Signs and symptoms
of Exposure: Irritation of eyes, skin , nose or throat. May
cause dermatitis on,prolonged contact in
sensitive individuals.
Existing Conditions
Aggravated by Exposure: Acrylic acid: Upper respiratory and lung
diseases.

Literature Referenced Carcinogen
Ingredients Target Organ and Other Health Effects NTP IARC
OSHA

Polyurethane methacrylate No Data NO NO NO
Polyglycol dimethacrylate ALG IRR NO NO NO
SILICA, AMORPHOUS TREATED NUI NO N/A NO
ACRYLIC ACID ALG COR IRR NO N/A NO
CUMENE HYDROPEROXIDE ALG CNS COR IRR MUT NO NO NO
ETHYLENE GLYCOL AC4 CNS DEV IRR KID MET NO NO NO
1-Acetyl-2-phenylhydrazine ALG NO NO NO
SACCHARIN No Data YES 2B NO

Abbreviations

N/A Not Applicable 2B Possibly carcinogenic to humans
AC4 ACGIH-Unclassifiable as human carc. ALG Allergen
CNS Central nervous system COR Corrosive
DEV Developmental IRR Irritant
KID Kidney MET Metabolic
MUT Mutagen NUI Nuisance dust

=====
Section 4 - First Aid Measures

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

=====
MATERIAL SAFETY DATA SHEET

Effective Date: none Revision Date: none
Balkamp 518 Gasket Elim 50 ML
Code: LOC Page: 3
=====

Section 5 - Firefighting Measures

Flash Point: More than 200 Deg. F Method: Tag Closed Cup
Recommended
Extinguishing Agents: Carbon dioxide, foam, dry chemical
Hazardous Products formed
by Fire or Thermal Decomp Irritating organic vapors.
Unusual Fire or
Explosion Hazards: None

Explosive Limits:
(% by volume in air)Lower 2.0% Acrylic acid
(% by volume in air)Upper 8.0% Acrylic acid

=====
Section 6 - Environmental Release Measures

Steps to be taken in case
of spill or leak: Scrape up as much as possible and store in a
partly filled, closed container until disposal.
Residues may be cleaned up with solvent.

=====
Section 7 - Handling and Storage

Safe Storage: Store below 100 deg. F

(Contact Loctite Customer Service 1-800-243-4874 for shelf Life information)

Handling: Avoid skin and eye contact. Avoid breathing vapor

=====
Section 8 - Exposure Controls/Personal Protection

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: Sufficient to maintain vapor concentration below
TLV

See Section 2 for Exposure Limits.

=====
MATERIAL SAFETY DATA SHEET

Effective Date: none Revision Date: none
Balkamp 518 Gasket Elim 50 ML
Code: LOC Page: 4

=====
Section 9 - Physical and Chemical Properties

Appearance: Red gel
Odor: Mild
Boiling Point: More than 300 Deg. F
pH: Does not apply
Solubility in Water: Low
Specific Gravity 1.1 at 80 Deg. F
Volatile Organic Compound
(EPA Method 24) 13.0%; 143 grams per liter
Vapor Pressure: Less than 5mm at 80 Deg. F
Vapor Density: Not available
Evaporation Rate
(Ether = 1) Not available

=====
Section 10 - Stability and Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: None
Hazardous Decomposition
Products (non-thermal): None

=====

Section 11 - Toxicological Information

See Section 3.

=====
Section 12 - Ecological Information

No data available

=====
Section 13 - Disposal Considerations

Recommended methods of disposal: Incinerate following EPA and local regulations.

=====
Section 14 - Transport Information

DOT (49 CFR 172)
Domestic Ground Transport
Proper Shipping Name: Unrestricted
Hazard Class or
Division: Unrestricted
Identification Number: None
Marine Pollutant: None
IATA
Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

=====
MATERIAL SAFETY DATA SHEET

Effective Date: none Revision Date: none
Balkamp 518 Gasket Elim 50 ML
Code: LOC Page: 5

=====
Section 15 - Regulatory Information

CA Proposition 65: WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Ethylene Oxide. This product contains Saccharin. No Prop65 hazard warning is necessary if this product is used as reasonably anticipated.

=====
Section 16 - Other Information

Estimated NFPA(R) Code:
Health Hazard: 2
Fire Hazard: 1
Reactivity Hazard: 1
Specific Hazard: Does not apply

Estimated HMIS(R) Code:
Health Hazard: 2
Flammability Hazard: 1
Reactivity Hazards: 1
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, Environmental Health & Safety
Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067
(24hr.) Phone: (860) 571-5100
Revision Date: January 22, 1996 Revision: 0030