

Balkamp 640 Sleeve Ret 36 ML

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MATERIAL SAFETY DATA SHEET

Effective Date: none Revision Date: none

Balkamp 640 Sleeve Ret 36 ML

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Section 1 - Product and Company Identification

PRODUCT NAME: Balkamp 640 Sleeve Ret 36 ML

MANUFACTURER'S NAME: EMERGENCY TELEPHONE NUMBER

Loctite Corporation (203)571-5100

Rocky Hill, CT 06067 MISCELLANEOUS INFORMATION

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Section 2 - Hazardous Ingredients

Ingredients CAS No. %

Polyurethane methacrylate
resin Proprietary 55-60
Polyglycol dimethacrylate 109-16-0 25-30
Hydroxyalkyl methacrylate 27813-02-1 7-10
ACRYLIC ACID* 79-10-7 5-7
CUMENE HYDROPEROXIDE* 80-15-9 1-3
SACCHARIN 81-07-2 0.1-1
Substituted silane 2530-85-0 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)

Hydroxyalkyl methacrylate None None 3 ppm ceiling

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

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

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Section 3 - Hazards Identification

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, dermatitis.

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

Polyurethane methacrylate
resin No Data NO NO NO
Polyglycol dimethacrylate ALG IRR NO NO NO
Hydroxyalkyl methacrylate ALG IRR NO NO NO
ACRYLIC ACID ALG COR IRR NO N/A NO
CUMENE HYDROPEROXIDE ALG CNS COR IRR MUT NO NO NO
SACCHARIN No Data YES 2B NO
Substituted silane IRR NO NO NO

Abbreviations

N/A Not Applicable 2B Possibly carcinogenic to humans

ALG Allergen CNS Central nervous system

COR Corrosive IRR Irritant

MUT Mutagen

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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 with soap and water.

Eye Contact: Flush at least 15 minutes with water. Obtain medical attention.

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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

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Section 6 - Environmental Release Measures

Steps to be taken in case

of spill or leak: Maintain adequate ventilation.

Soak up in an inert absorbent. Store in a partly

filled, closed container until disposal.

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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 prolonged skin contact. Keep away from eyes
Avoid prolonged breathing of vapors.

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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.

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Section 9 - Physical and Chemical Properties

Appearance: Green liquid
Odor: Sharp, irritating
Boiling Point: More than 300 Deg. F
pH: Does not apply
Solubility in Water: Slight
Specific Gravity 1.12 at 75 Deg. F
Volatile Organic Compound
(EPA Method 24) 22.9%; 256.48 g/l
Vapor Pressure: Less than 10mm at 80 Deg. F
Vapor Density: Not available
Evaporation Rate
(Ether = 1) Not available

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Section 10 - Stability and Reactivity

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

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Section 11 - Toxicological Information

See Section 3.

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Section 12 - Ecological Information

No data available

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Section 13 - Disposal Considerations

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

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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

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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. (ppb levels of Arsenic, Cd, Pb, Ni), Toluene, propylene oxide
This product contains Saccharin. No Prop65 hazard warning is necessary if this product is used as reasonably anticipated.

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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.

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