

* Material Safety Data Sheet (MSDS)*

Balkamp Thread Sealant 1/4 PT

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MATERIAL SAFETY DATA SHEET

Effective Date: none Revision Date: none

Balkamp Thread Sealant 1/4 PT

Code: LOC Page: 1

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Section 1 - Product and Company Identification

PRODUCT NAME: Balkamp Thread Sealant 1/4 PT

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. %

ISOPROPYL ALCOHOL 67-63-0 35-40

TALC 14807-96-6 25-30

Vegetable oil 8001-79-4 20-25

Vinyl resin 63148-65-2 10-15

Poly(tetrafluoroethylene) 9002-84-0 1-3

TITANIUM DIOXIDE 13463-67-7 1-3

Ingredients which have exposure limits

Exposure Limits (TWA) ACGIH OSHA OTHER

Ingredients (TLV) (PEL)

ISOPROPYL ALCOHOL 400 ppm TWA 400 ppm TWA None

983 mg/m3 980 mg/m3

TALC 2 mg/m3 TWA 2 mg/m3 TWA None

respirable dust respirable dust

Vegetable oil 10 mg/m3 mist 15mg/m3mistdust None

5mg/m³mist resp
TITANIUM DIOXIDE 10 mg/m³ dust 15 mg/m³ dust None
5 mg/m³ resp

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

ISOPROPYL ALCOHOL 500 ppm 500 ppm
1230 mg/m³ 1225 mg/m³

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MATERIAL SAFETY DATA SHEET
Effective Date: none Revision Date: none
Balkamp Thread Sealant 1/4 PT
Code: LOC Page: 2

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Section 3 - Hazards Identification

Toxicity: Eye irritant. Moderately toxic by ingestion.
Primary Routes of Entry: Inhalation, ingestion, contact.
Signs and symptoms
of Exposure: Vapors cause irritation of eyes, nose and throat
above TLV. Headache, nausea, dizziness may occur.
Existing Conditions
Aggravated by Exposure: Skin, eye, and respiratory disorders.

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

ISOPROPYL ALCOHOL ALG CNS IRR NO N/A NO
TALC IRR LUN NO N/A NO
Vegetable oil IRR NO NO NO
Vinyl resin IRR NO NO NO
Poly(tetrafluoroethylene) No Data NO N/A NO
TITANIUM DIOXIDE IRR NUI NO NO NO

Abbreviations

N/A Not Applicable ALG Allergen
CNS Central nervous system IRR Irritant
LUN Lung NUI Nuisance dust

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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: 74 Deg. F Method: Tag closed cup
Recommended
Extinguishing Agents: Carbon dioxide, foam, dry chemical
Hazardous Products formed
by Fire or Thermal Decomp Toxic fluorides
Unusual Fire or
Explosion Hazards: None

Explosive Limits:
(% by volume in air)Lower 2.3%
(% by volume in air)Upper 12.7%

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MATERIAL SAFETY DATA SHEET
Effective Date: none Revision Date: none
Balkamp Thread Sealant 1/4 PT
Code: LOC Page: 3
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Section 6 - Environmental Release Measures

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

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Section 7 - Handling and Storage

Safe Storage: Store away from heat, sparks or flame.

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

Handling: Avoid eye contact. Avoid prolonged skin contact or prolonged breathing of fumes.

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Section 8 - Exposure Controls/Personal Protection

Eyes: Safety glasses or goggles.

Skin: Rubber or plastic gloves.

Ventilation: Must be adequate to avoid exceeding TLV.

See Section 2 for Exposure Limits.

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Section 9 - Physical and Chemical Properties

Appearance: White paste

Odor: Alcoholic

Boiling Point: 180 Deg. F

pH: Does not apply

Solubility in Water: Partial

Specific Gravity 1.12 at 77 Deg. F

Volatile Organic Compound

(EPA Method 24) 37.9%

Vapor Pressure: 33 mm at 68 Deg. F

Vapor Density: 2.07

Evaporation Rate

(Ether = 1) 7.7

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Section 10 - Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition

Products (non-thermal): None

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Balkamp Thread Sealant 1/4 PT
Code: LOC Page: 4
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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: Consumer Commodity (Not more than five liters);
Resin solution (More than five liters)
Hazard Class or
Division: ORM-D (Not more than five liters);
Class 3, Packing Group III (More than five
liters)
Identification Number: None (Not more than five liters);
UN 1866 (More than five liters)
Marine Pollutant: None
IATA
Proper Shipping Name: Consumer Commodity (Not more than 500 ml);
Resin Solution (More than 500 ml)
Class or Division: Class 9 (Not more than 500 ml);

Class 3, Packing Group III (More than 500 ml)
UN or ID Number: ID 8000 (Not more than 500 ml);
UN 1866 (More than 500 ml)

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Section 15 - Regulatory Information

CA Proposition 65: No Prop65 chemicals are known to be present.

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Balkamp Thread Sealant 1/4 PT
Code: LOC Page: 5

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Section 16 - Other Information

Estimated NFPA(R) Code:
Health Hazard: 2
Fire Hazard: 3
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:
Health Hazard: 2
Flammability Hazard: 3
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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Revision Date: January 22, 1996 Revision: 0027