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Material Safety
Data Sheet (MSDS)

Balkamp Clear RTV Silicone Adhesive Sealant 3 oz.

MATERIAL SAFETY DATA SHEET

Effective Date: none

Revision Date: none

Balkamp Clear RTV Silicone Adhesive Sealant 3 oz.

Code: LOC

Page: 1

Section 1 - Product and Company Identification

PRODUCT NAME: Balkamp Clear RTV Silicone Adhesive Sealant 3 oz.

MANUFACTURER'S NAME:

Loctite Corporation

EMERGENCY TELEPHONE NUMBER

(203)571-5100

Rocky Hill, CT 06067

MISCELLANEOUS INFORMATION

Section 2 - Hazardous Ingredients

Ingredients	CAS No.	%
Poly(dimethylsiloxane), dimethyl	63148-62-9	85-90



SILICA, AMORPHOUS TREATED	112945-52-5	5-10
Ethyltriacetoxysilane	17689-77-9	1-5
Methyltriacetoxysilane	4253-34-3	1-5
ACETIC ACID	64-19-7	***

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***When this product is exposed to moisture, 3-5% acetic acid is formed.



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Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
SILICA, AMORPHOUS TREATED resp. dust	10 mg/m3 TWA	6 mg/m3 TWA	3 mg/m3 TWA
ACETIC ACID 25 mg/m3	10 ppm TWA	10 ppm TWA	None
25 mg/m3	25 mg/m3		

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
ACETIC ACID 37 mg/m3	15 ppm	None

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Section 3 - Hazards Identification

Toxicity: Eye and skin irritant. Oral LD50 = 2060 mg/kg.
 Moderate by ingestion.
 Primary Routes of Entry: SKIN, INGESTION, INHALATION
 Signs and symptoms of Exposure: Acetic acid produced during cure irritates eyes, nose, and throat.
 PROLONGED OR REPEATED CONTACT MAY IRRITATE SKIN.
 Existing Conditions
 Aggravated by Exposure: Methyltriacetoxysilane: Eye, skin, and pulmonary disorders.

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

Poly(dimethylsiloxane), dimethyl	IRR	NO	NO	NO
SILICA, AMORPHOUS TREATED	NUI	NO	N/A	NO
Ethyltriacetoxysilane	No Data	NO	NO	NO
Methyltriacetoxysilane	No Data	NO	NO	NO
ACETIC ACID	COR EYE GAS IMM IRR	NO	NO	NO

Abbreviations

N/A Not Applicable COR Corrosive

EYE Eyes
IMM Immune system
NUI Nuisance dust
GAS Gastrointestinal
IRR Irritant

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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. Treat symptomatically.
Skin Contact: Wipe off paste with paper towel or cloth.
Wash exposed area 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 Acetic acid, formaldehyde, silica fume.
Unusual Fire or
Explosion Hazards: None

Explosive Limits:
(% by volume in air)Lower Acetic acid: 4%
(% by volume in air)Upper Acetic acid: 19.9% at 200 Deg. F.

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Section 6 - Environmental Release Measures

Steps to be taken in case
of spill or leak: Wipe or scrape up spilled material. Maintain
good ventilation for large spills. Place scrap
material in a well ventilated place and allow to
cure to rubber.

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Section 7 - Handling and Storage

Safe Storage: Store in a dry area below 90 Deg. F. Keep container
closed when not in use.

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

Handling: Avoid breathing vapor. Avoid eye or skin contact.
Acetic acid vapor released during application and
cure. Do not wear contact lenses while applying
material. Vapor may be trapped under lens.

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Section 8 - Exposure Controls/Personal Protection

Eyes: Safety glasses or goggles.
 Skin: Rubber or plastic gloves.
 Ventilation: Provide local ventilation for prolonged use in confined area.

See Section 2 for Exposure Limits.

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 Section 9 - Physical and Chemical Properties

Appearance: Clear paste
 Odor: Sharp, Irritating
 Boiling Point: Not Applicable, Polymeric material
 pH: Does not apply
 Solubility in Water: Polymerized
 Specific Gravity 1.01
 Volatile Organic Compound
 (EPA Method 24) 4.7%; 47.47 g/l
 Vapor Pressure: 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: Polymerized by contact with moisture. Acetic acid liberated.
 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: Cured rubber scrap can be incinerated. Follow 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: No California Proposition 65 chemicals are known to be present.

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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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