



Loctite Corporation

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EXEMPT

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MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name RETAINING COMPOUND 609 Part No. 609
Product Type Anaerobic Formula No. _____

II. COMPOSITION

HMIS*

| <u>Ingredients</u> | <u>% by Wt.</u> | <u>Hazard</u> |
|----------------------------|-----------------|----------------------|
| Polyglycol Dimethacrylates | 60-65 | See Section IV. ↓ |
| Hydroxyalkyl Methacrylate | 15-20 | |
| Coumarone-Indene Resin | 5-10 | |
| Poly(ethyl methacrylate) | 4-6 | |
| Cumene Hydroperoxide* | 2-3 | |
| Saccharin** | <2 | |
| N,N-Dialkyltoluidines | <1 | |

H 1
F 1
R 0
PERSONAL PROTECTION B

10-15-9
11-07-2

*In a single test, pure cumene hydroperoxide caused tumors in one of thirty experimental animals when injected under the skin. **Saccharin has been shown to cause tumors in experimental animals when fed in large amounts for prolonged periods. In light of the low concentration of these components in the product, it is our best technical judgment that normal use of this product poses no such hazards. These warnings are present only to comply with OSHA regulations.

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure < 5 mm at 80°F Specific Gravity 1.1 at 80°F
Vapor Density Unknown Boiling Point > 300°F
Solubility in Water Slight pH dna
Appearance Green Liquid Odor Mild

IV. TOXICITY AND HEALTH HAZARD DATA

Toxicity
Oral LD 50 >5000 mg/kg TLV Does not apply
Dermal LD 50 >2000 mg/kg

Symptoms of Overexposure May cause dermatitis on prolonged contact in sensitive individuals.

Emergency Treatment Procedures

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Does not apply.
Skin Contact: Flush with water.
Eye Contact: Flush with water.

Personal Protection

Eyes: Safety glasses recommended.
Skin: Rubber or plastic gloves recommended.
Ventilation Not normally necessary.

RETAINING COMPOUND 609

V. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash point 200°F Method TCC
Explosive Limits (% by volume in air) Lower dn % Upper dn %
Recommended Extinguishing Agents CO₂, Foam, Dry Chemical
Hazardous Products Formed by Fire or Thermal Decomposition: Irritating vapors
Unusual Fire or Explosion Hazards: None
Compressed Gasses Name None
Pressure at Room Temperature _____

VI. REACTIVITY DATA

Stability Stable Unstable
Hazardous Polymerization May Occur Will Not Occur
Hazardous Decomposition Products (non-thermal)
None
Incompatibility None

VII. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak: Soak up in inert absorbent in partly filled, closed container until disposal.
Recommended methods of disposal: Bury or incinerate in accordance with local regulations.

VIII. STORAGE AND HANDLING PROCEDURES

Storage: Store below 110°F to preserve shelf-life.
Handling: Avoid prolonged skin contact.

IX. SHIPPING REGULATIONS

Type or Class DOT Unrestricted
IATA Unrestricted

Prepared By: Martin Hauser
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Date: November 1, 1985