

Loctite(R) Concentrated Stabilizer for Porosity
 12297

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite(R) Concentrated Stabilizer for Porosity
 Sealing Resins
 Item No.: 12297
 Product Type: Acid

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Water	7732-18-5	85-90
PHOSPHORIC ACID	7664-38-2	5-10
Dye	62758-12-7	<0.01

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
PHOSPHORIC ACID	1 mg/m3 TWA	1 mg/m3 TWA	1 mg/m3
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	
PHOSPHORIC ACID	3 mg/m3	3 mg/m3	

3. HAZARDS IDENTIFICATION

Toxicity: Corrosive TLV: Phosphoric acid - 1mg./m3 TWA
 obtainable only from spray mists.
 Primary Routes of Entry: None known
 Signs and Symptoms
 of Exposure: Liquid is corrosive to skin and eyes.
 Existing Conditions
 Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Water	NTO	NO	NO	NO
PHOSPHORIC ACID	COR IRR	NO	NO	NO
Dye	No Data	NO	NO	NO

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MATERIAL SAFETY DATA SHEET

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3. HAZARDS IDENTIFICATION

(continued)

Abbreviations

COR Corrosive IRR Irritant
NTO No Target Organs

4. FIRST AID MEASURES

Ingestion: Give large amounts of milk or water. Get medical attention as soon as possible.
Inhalation: Does not apply to normal use of product.
Skin Contact: Flush with water.
Eye Contact: Flush at least 15 minutes with water and get prompt medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: None Method: TCC
Recommended
Extinguishing Agents: Non-combustible
Special Firefighting
Procedures: Not available
Hazardous Products formed
by Fire or Thermal Decomp Somke and mists formed in fire may contain phosphoric acid.
Unusual Fire or
Explosion Hazards: None
Explosive Limits:
(% by volume in air)Lower Not Applicable
(% by volume in air)Upper Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
of spill or leak: Neutralize with sodium carbonate. Store in a closed container until disposal. Note RQ for phosphoric acid is 5000 lbs.

7. HANDLING AND STORAGE

Safe Storage: Store below 75 deg. F.
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
Handling: Avoid contact with skin and eyes. Avoid breathing vapor.

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8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles mandatory.
Skin: Rubber or plastic gloves.
Ventilation: Normal ventilation is adequate.
Respiratory: Not available

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear red-orange liquid
Odor: None
Boiling Point: Approximately 212 deg. F
pH: 1.5
Solubility in Water: Infinite
Specific Gravity: 1.04
Volatile Organic Compound
(EPA Method 24) Not available
Vapor Pressure: Approximtely 17mm
Vapor Density: Unknown
Evaporation Rate
(Ether = 1) Not available

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will Not Occur
Incompatibility: Bases
Conditions to Avoid: Not available
Hazardous Decomposition
Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of
disposal: Incinerate following EPA and local regulations.
EPA Hazardous Waste
Number D002 - Hazardous waste per 40CFR 261.22

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14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Consumer Commodity (Not more than four liters);
Phosphoric acid solution (More than four liters)

Hazard Class or
Division: ORM-D (Not more than four liters);
Class 8, Packing Group III (More than four liters)

Identification Number: None (Not more than four liters);
UN 1805 (More than four liters)

Marine Pollutant: None

IATA

Proper Shipping Name: Phosphoric acid solution
Class or Division: Class 8, Packing Group III
UN or ID Number: UN 1805

15. REGULATORY INFORMATION

CA Proposition 65: Not available

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 3
Fire Hazard: 0
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 3
Flammability Hazard: 0
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.

Prepared By: Stephen Repetto
Title: Research Chemist - Health & Regulatory Affairs
Company: Henkel Loctite Corporation, Rocky Hill CT 06067
(24hr.) Phone: (860) 571-5100
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