

HENKEL LOCTITE CORPORATION

02/23/03

ROCKY HILL, CONNECTICUT 06067  
EMERGENCY PHONE: (860) 571-5100

## MATERIAL SAFETY DATA SHEET

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Tak Pak(R) 7452 Accelerator  
18580

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Tak Pak(R) 7452 Accelerator  
Item No.: 18580  
Product Type: Accelerator

## 2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
ACETONE	67-64-1	95-100
N,N-Dialkyltoluidine	99-97-8	0.1-1

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
ACETONE	500 ppm TWA 1188 mg/m3	1000 ppm TWA 2400 mg/m3	None

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
ACETONE	750 ppm 1782 mg/m3	None

## 3. HAZARDS IDENTIFICATION

Toxicity: Possible eye irritant.  
Moderately toxic by ingestion.  
Estimated dermal LD50 more than 2000 mg/kg.

Primary Routes of Entry: Inhalation, ingestion, contact.

Signs and Symptoms  
of Exposure: Vapors irritate eyes, nose and throat.  
Liquid is an eye irritant and may irritate skin.

Existing Conditions

Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen NTP IARC OSHA
ACETONE	BLO CNS IRR	NO NO NO
N,N-Dialkyltoluidine	ALG MUT	NO NO NO

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## 3. HAZARDS IDENTIFICATION

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## Abbreviations

ALG Allergen	BLO Blood
CNS Central nervous system	IRR Irritant
MUT Mutagen	

## 4. FIRST AID MEASURES

Ingestion:	Give water to dilute. Do not induce vomiting.
Inhalation:	Keep individual calm. Obtain medical attention. Remove to fresh air. If symptoms persist, obtain medical attention.
Skin Contact:	Wash with soap and water.
Eye Contact:	Flush with water for at least 15 minutes. Obtain medical attention.

## 5. FIRE FIGHTING MEASURES

Flash Point:	1.4°F	Method: Tag Closed Cup
Recommended Extinguishing Agents:	Carbon dioxide, foam, dry chemical	
Special Firefighting Procedures:	Not available	
Hazardous Products formed by Fire or Thermal Decomp	Irritating organic vapors	
Unusual Fire or Explosion Hazards:	None	
Explosive Limits:		
(% by volume in air) Lower	2.6%	Acetone
(% by volume in air) Upper	13%	Acetone

## 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak:	Avoid flame, sparks and other sources of ignition. Maintain adequate ventilation. Soak up in an inert absorbent. Store in a closed container until disposal.
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## 7. HANDLING AND STORAGE

Safe Storage:	Store away from flame, sparks and other sources of ignition. Store below 100°F.
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)	
Handling:	Avoid prolonged breathing of fumes. Avoid skin or eye contact. Do not use near heat, sparks, or

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## 7. HANDLING AND STORAGE

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open flame.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.  
Skin: Rubber or plastic gloves.  
Ventilation: Sufficient to maintain vapor concentration below TLV.  
Respiratory: Not available

See Section 2 for Exposure Limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to amber liquid  
Odor: Acetone  
Boiling Point: 135°F  
pH: Does not apply  
Solubility in Water: Miscible  
Specific Gravity: 0.7926  
Volatile Organic Compound (EPA Method 24) 1.02%; 808 grams per liter of material  
Vapor Pressure: Approximately 180mm at 68°F  
Vapor Density: Approximately 2  
Evaporation Rate (Ether = 1) 1.9

## 10. STABILITY AND REACTIVITY

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: Strong oxidizers  
Conditions to Avoid: Not available  
Hazardous Decomposition Products (non-thermal): None

## 11. TOXICOLOGICAL INFORMATION

See Section 3.

## 12. ECOLOGICAL INFORMATION

No data available

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## 13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.  
EPA Hazardous Waste Number: D001 - Hazardous waste per 40CFR 261.21

## 14. TRANSPORTATION INFORMATION

## DOT (49 CFR 172)

## Domestic Ground Transport

Proper Shipping Name: Consumer Commodity (Not more than one liter);  
Acetone solution (More than one liter)

Hazard Class or  
Division: ORM-D (Not more than one liter);  
Class 3, Packing Group II (More than one liter)

Identification Number: None (Not more than one liter);  
UN 1090 (More than one liter)

Marine Pollutant: None

## IATA

Proper Shipping Name: Consumer Commodity (Not more than 500 ml);  
Acetone solution (More than 500 ml)

Class or Division: Class 9 (Not more than 500 ml);  
Class 3, Packing Group II (More than 500 ml)

UN or ID Number: ID 8000 (Not more than 500 ml);  
UN 1090 (More than 500 ml)

## 15. REGULATORY INFORMATION

CA Proposition 65: This product does not contain any chemicals  
regulated by California Proposition 65.

## 16. OTHER INFORMATION

## Estimated NFPA(R) Code:

Health Hazard: 2  
Fire Hazard: 4  
Reactivity Hazard: 0  
Specific Hazard: Does not apply

## Estimated HMIS(R) Code:

Health Hazard: 2  
Flammability Hazard: 4  
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

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## 16. OTHER INFORMATION

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Title: Research Chemist, Environmental Health & Safety  
Company: Henkel Loctite Corporation, Rocky Hill CT 06067  
(24hr.) Phone: (860) 571-5100  
Revision Date: January 26, 1999 Revision: 0014

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