

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name QUICK HOLD, M/M
Product Code 4969
Information on Manufacturer
 MANTEK, DIVISION OF NCH CORP.
 BOX 152170
 IRVING, TEXAS 75015

Recommended Use Adhesive catalyst
Chemical Nature Mixture
Emergency Telephone Number
 CHEMTREC 7 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
 Danger
 Extremely flammable
 May be harmful if inhaled
 Causes skin irritation
 Severe eye irritation
 May be harmful if swallowed

Color Colorless - Light yellow

Physical State Liquid

Odor Acetone

Potential Health Effects

Principle Route of Exposure

Inhalation, Skin contact, Eye contact.

Primary Routes of Entry

Inhalation, Skin Absorption.

Acute Effects

Eyes

Severe irritation.

Skin

Causes skin irritation. May be absorbed through the skin in harmful amounts.

Inhalation

Inhalation may cause central nervous system effects. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Chronic Effects

Liver and kidney injuries may occur. Prolonged skin contact may defat the skin and produce dermatitis.

Target Organ Effects

Central nervous system, Liver, Kidney, Skin, Eyes, Respiratory system.

Aggravated Medical Conditions

Neurological disorders. Liver disorders. Kidney disorders. Skin disorders. Respiratory disorders.

Potential Environmental Effects

See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Acetone	67-64-1
Benzenamine, N,N,4-trimethyl-	99-97-8

4. FIRST AID MEASURES

General Advice

Avoid contact with skin, eyes, and clothing. Avoid breathing vapors, mist, or gas.

Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.

Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

Inhalation

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Ingestion

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point -4°F / -20°C

Method

Tag closed cup

Autoignition Temperature No information available.

Flammability Limits in Air % Mixture.

Upper 12.8

Lower 2.6

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Specific Hazards Arising from the Chemical

Extremely flammable. Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA	Health	2	Flammability	4	Instability	0
HMIS	Health	2	Flammability	4	Instability	0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

Environmental Precautions

Do not flush into surface water or sanitary sewer system.

Methods for Containment

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning Up

Pick up and transfer to properly labeled containers.

Neutralizing Agent

Not applicable.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin, eyes, and clothing. Avoid breathing vapors, mist or gas. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges.

Storage

Keep away from open flames, hot surfaces and sources of ignition. Keep container tightly closed in a dry and well-ventilated place.

Storage Temperature

Minimum 35°F / 2°C

Maximum 120°F / 49°C

Storage Conditions

Indoor X

Outdoor

Heated

Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Acetone	TWA: 500 ppm STEL: 750 ppm	TWA: 1000 ppm TWA: 2400 mg/m ³	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³
Benzenamine, N,N,4-trimethyl-	No data available	no data available	no data available

Engineering Measures

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

Tightly fitting safety goggles.

Skin Protection

Wear suitable protective clothing, Impervious gloves.

Respiratory Protection

Use NIOSH approved respiratory protection.

General Hygiene Considerations

Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	Non viscous
Color	Colorless - Light yellow	Odor	Acetone
Appearance	Transparent	pH	Not applicable
Specific Gravity	0.8	Evaporation Rate	5 (Butyl acetate=1)
Percent Volatile (Volume)	100	VOC Content (%)	<20
VOC Content (g/l)	<160	Vapor Pressure	184 mmHg @ 70 °F
Vapor Density	2 (Air = 1.0)	Solubility	Appreciable
Boiling Point/Range	133°F / 56°C		

10. STABILITY AND REACTIVITY

Chemical Stability

Stable. Hazardous polymerization does not occur.

Conditions to Avoid

Keep away from open flames, hot surfaces, and sources of ignition.

Incompatible Products

Strong oxidizing agents. Nitric acid.

Hazardous Decomposition Products

Carbon oxides, Nitrogen oxides (NOx).

Possibility of Hazardous Reactions

None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information

No information available.

Component Information

Acute toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Acetone	5800 mg/kg (Rat)	no data available	no data available	no data available	no data available
Benzenamine, N,N,4-trimethyl-	1650 mg/kg (Rat)	no data available	1400 mg/m ³ (Rat) 4 h	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Acetone	no data available	no data available	no data available	no data available	respiratory system, skin, eyes, CNS
Benzenamine, N,N,4-trimethyl-	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

Component	ACGIH	IARC	NTP	OSHA	Other
Acetone	not applicable				
Benzenamine, N,N,4-trimethyl-	not applicable				

12. ECOLOGICAL INFORMATION

Product Information

No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Acetone	no data available	LC50= 5540 mg/L Oncorhynchus mykiss 96 h LC50= 6210 mg/L Pimephales promelas 96 h LC50= 8300 mg/L Lepomis macrochirus 96 h	EC50 = 14500 mg/L 15 min	EC50 = 0.0039 mg/L 48 h EC50 = 12600 mg/L 48 h EC50 = 12700 mg/L 48 h	-0.24
Benzenamine, N,N,4-trimethyl-	no data available	LC50= 46.0 mg/L Pimephales promelas 96 h	no data available	no data available	N/A

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of in accordance with local regulations.

Container Disposal

Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name

DOT

Hazard Class

Consumer commodity

Description

ORM-D

Consumer commodity ,ORM-D

TDG

Proper shipping name

Acetone, Ltd Qty

Hazard Class

3

UN-No

UN1090

Packing Group

II

Description ACETONE,3,UN1090,PG II, Ltd Qty

ICAO Proper Shipping Name DO NOT SHIP AIR

IATA Shipping Description DO NOT SHIP AIR

IMDG/IMO Proper Shipping Name Acetone (Acetone solutions), Ltd Qty
 Hazard Class 3
 UN-No UN1090
 Packing Group II
 EmS No. F-E, S-D
 Shipping Description UN1090, Acetone (Acetone solutions),3,PG II, Ltd Qty

15. REGULATORY INFORMATION

Inventories

TSCA Complies
 DSL Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	Yes	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Acetone	5000 lb	Not applicable
Benzenamine, N,N,4-trimethyl-	Not applicable	Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

B2 Flammable liquid, D2B Toxic materials.



16. OTHER INFORMATION

Prepared By Kristen Stansbury
 Supersedes Date 06/02/2003
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 Reason for Revision No information available.
 Glossary No information available.
 List of References. TBD

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