Material Safety Data Sheet

Henkel Technologies

Revision Date: 12/10/2007 **Issue date:** 12/10/2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: HYSOL 9430 1 QT KT HARD
Product type: Epoxy Hardener
Company address:
Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Item No. : 83114_AB9231 / IDH No. 702140
Region: United States
Contact Information:
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	%	ACGIH TLV	OSHA PEL	OTHER
Polyglycol diamine Proprietary	60-100	None	None	None
Aminoethylaminopropyl trimethoxysilane 1760-24-3	1-5	None	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:

Physical state: Liquid
Color: Clear
Odor: Strong, Ammoniacal

HEALTH: 3
FLAMMABILITY: 1
PHYSICAL HAZARD: 0
Personal Protection: See Section 8

DANGER: CAUSES EYE AND SKIN BURNS.
MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE ALLERGIC RESPIRATORY REACTION.
CAUSES RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Eyes, Skin, Inhalation, Ingestion

Potential Health Effects

Inhalation: May cause irritation to nose and throat. May cause sensitization by inhalation.
Skin contact: This material is corrosive to eyes and skin. Brief contact may cause chemical burns. May cause allergic skin reaction.
Eye contact: Severe eye irritation. Burns of the eye may cause blindness.
Ingestion: May be harmful if swallowed.

Existing conditions aggravated by exposure: Respiratory disorders. Skin disorders. Eye disorders. Asthma.

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If discomfort persists seek medical attention.

Skin contact: Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Wash clothing before reuse. If skin irritation persists, call a physician.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Ingestion: Keep individual calm. Do not induce vomiting. Drink 1 or 2 glasses of water. Get medical attention immediately.

Notes to physician: None.

5. FIRE-FIGHTING MEASURES

Flash point: Greater than 149ºC (300ºF) Tagliabue open cup

Autoignition temperature: Not available

Flammable/Explosive limits-lower %: Not available

Flammable/Explosive limits-upper %: Not available

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special fire fighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: None

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Acrid smoke and fumes.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: No information available

Clean-up methods: Remove all sources of ignition. Keep unnecessary personnel away. Immediately contact emergency personnel.

7. HANDLING AND STORAGE

Handling: Keep away from heat, spark and flame. Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling.

Storage: Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

Incompatible products: Not available

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Use local exhaust ventilation if the potential for airborne exposure exists.

Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Use a NIOSH approved respirator if ventilation is inadequate.

Skin protection: Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

Eye/face protection: Chemical splash goggles or safety glasses with side shields.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: Clear
Odor: Strong, Ammoniacal
Vapor pressure: Not available
pH: Not applicable
Boiling point/range: Greater than 149°C (300°F)
Melting point/range: Not available
Specific gravity: 1.02
Vapor density: 8.45
Evaporation rate: Not available
Solubility in water: Slightly soluble
Partition coefficient (n-octanol/water): Not available
VOC content: Not available

10. STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.

Hazardous decomposition products: None

Incompatability: Oxidizing agents. Water. Metals. Acids. Acrylates.

Conditions to avoid: Avoid temperatures above 294 °C (561 °F). Avoid mixing resin (Part A) and curing agent (Part B) in batches greater than 2 pound (.9 kg) unless you plan to use immediately. Failure to observe these precautions may result in excessive heat build-up causing an exotherm. The exotherm has the potential for release of toxic gasses.

11. TOXICOLOGICAL INFORMATION

Product toxicity data: Not available

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Polyglycol diamine Proprietary	No	No	No
Aminoethylaminopropyl trimethoxysilane 1760-24-3	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Polyglycol diamine Proprietary	Corrosive
Aminoethylaminopropyl trimethoxysilane 1760-24-3	Irritant, Allergen

12. ECOLOGICAL INFORMATION

Ecological information: Not known

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose according to EPA and local governmental regulations.

EPA hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name:	Amines, liquid, corrosive, n.o.s. (polyglycol diamine)
Hazard class or division:	8
Identification number:	UN 2735
Packing group:	II
Exceptions:	(Not more than 1 Liter) Consumer Commodity ORM-D

International Air Transportation (ICAO/IATA):

Proper shipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (polyglycol diamine)
Hazard class or division:	8
Identification number:	UN2735
Packing group:	II

WaterTransportation (IMO/IMDG):

Proper shipping name:	Amines, liquid, corrosive, n.o.s. (polyglycol diamine)
Hazard class or division:	8
Identification number:	UN2735
Packing group:	II
Marine pollutant:	None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12 (b) Export Notification: None.

CERCLA/SARA Section 302 EHS: None above reporting de minimus.
CERCLA/SARA Section 311/312: Immediate Health Hazard
CERCLA/SARA 313: None above reporting de minimus.

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Domestic Substances List.
WHMIS hazard class: D.2.B, E

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 15

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