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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Hysol U-09FL Ureth ADH Ultra
Product type: Polyurethane Resin
Company address:
 Henkel Corporation
 1001 Trout Brook Crossing
 Rocky Hill, Connecticut 06067

Item No. : 29460_210241 / IDH No. 702027
Region: United States
Contact Information:
 Telephone: 860.571.5100
 Emergency telephone: 860.571.5100
 Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Hazardous components</u> | <u>%</u> | <u>ACGIH TLV</u> | <u>OSHA PEL</u> | <u>OTHER</u> |
|--------------------------------------|----------|---|---|--------------|
| Alkylated glycerol Proprietary | 60-100 | None | None | None |
| Substituted polyol Proprietary | 10-30 | None | None | None |
| Alkoxyated phenol Proprietary | 10-30 | None | None | None |
| Organo tin carboxylate 68928-76-7 | 1-5 | 0.1 mg/m ³ TWA 0.2 mg/m ³ STEL (skin) | 0.1 mg/m ³ TWA as Sn 2 mg/m ³ TWA | None |
| Lead 7439-92-1 | 0-0.1 | 0.05 mg/m ³ TWA | 30 µg/m ³ Action Level as Pb. Poison - see 29 CFR 1910.1025 50 µg/m ³ TWA as Pb 50 µg/m ³ PEL as Pb | None |

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Liquid
Color: Clear
Odor: Odorless

HMIS:

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

CAUTION: MAY CAUSE EYE AND SKIN IRRITATION.

Relevant routes of exposure: Eye contact, Skin contact

Potential Health Effects

Inhalation: Not a relevant route of exposure.
Skin contact: May cause skin irritation.
Eye contact: Contact with eyes will cause irritation.
Ingestion: Not a relevant route of exposure.

Existing conditions aggravated by exposure: None known

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

| | |
|----------------------|--|
| Inhalation: | Remove to fresh air. If discomfort persists seek medical attention. |
| Skin contact: | After contact with skin, wash immediately with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms develop and persist. |
| Eye contact: | Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention. |
| Ingestion: | Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately. |

5. FIRE-FIGHTING MEASURES

| | |
|--|---|
| Flash point: | Greater than 93°C (200°F) ASTM D3278 |
| Autoignition temperature: | Not available |
| Flammable/Explosive limits-lower %: | Not available |
| Flammable/Explosive limits-upper %: | Not available |
| Extinguishing media: | Use dry chemical, CO2, water spray or `alcohol` foam. |
| Special fire fighting procedures: | None |
| Unusual fire or explosion hazards: | None |
| Hazardous combustion products: | Irritating organic vapors. Oxides of carbon. Oxides of tin. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|-----------------------------------|---|
| Environmental precautions: | Prevent product from entering drains or open waters. |
| Clean-up methods: | Scrape up as much material as possible. Store in a closed container until ready for disposal. |

7. HANDLING AND STORAGE

| | |
|-------------------------------|---|
| Handling: | Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. |
| Storage: | Store at or below 38°C (100°F). |
| Incompatible products: | Oxidizing agents. |

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|--------------------------------|---|
| Engineering controls: | General room ventilation is usually adequate. |
| Respiratory protection: | Not normally required. |
| Skin protection: | Disposable rubber or plastic gloves. |
| Eye/face protection: | Safety goggles or safety glasses with side shields. |

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------|---------------|
| Physical state: | Liquid |
| Color: | Clear |
| Odor: | Odorless |
| Vapor pressure: | Not available |

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| | |
|--|----------------------|
| pH: | Not applicable |
| Boiling point/range: | Not available |
| Melting point/range: | Not available |
| Specific gravity: | 1.03 |
| Vapor density: | Not available |
| Evaporation rate: | Not available |
| Solubility in water: | Negligible. |
| Partition coefficient (n-octanol/water): | Not available |
| VOC content: | <1%; <10 grams/liter |

10. STABILITY AND REACTIVITY

| | |
|-----------------------------------|--------------------------------------|
| Stability: | Stable |
| Hazardous polymerization: | Will not occur. |
| Hazardous decomposition products: | Aldehydes. Ketones. Organic acids. |
| Incompatibility: | Oxidizing agents. |
| Conditions to avoid: | Storage with incompatible materials. |

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

| Hazardous components | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen |
|--------------------------------------|--------------------|-----------------|-----------------|
| Alkylated glycerol Proprietary | No | No | No |
| Substituted polyol Proprietary | No | No | No |
| Alkoxyated phenol Proprietary | No | No | No |
| Organo tin carboxylate 68928-76-7 | No | No | No |
| Lead 7439-92-1 | Suspect Carcinogen | Group 2B | Yes |

Literature Referenced Target Organ & Other Health Effects

| Hazardous components | Health Effects/Target Organs |
|--------------------------------------|--|
| Alkylated glycerol Proprietary | No Target Organs |
| Substituted polyol Proprietary | Irritant |
| Alkoxyated phenol Proprietary | No Target Organs |
| Organo tin carboxylate 68928-76-7 | No Target Organs |
| Lead 7439-92-1 | Thyroid, Some evidence of carcinogenicity, Skin, Reproductive, Nervous System, Muscle, Liver, Kidney, Gastrointestinal, Eyes, Developmental, Blood, Behavioral |

12. ECOLOGICAL INFORMATION

| | |
|-------------------------|-----------|
| Ecological information: | Not known |
|-------------------------|-----------|

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State 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: | Not regulated |
| Hazard class or division: | None |
| Identification number: | None |
| Packing group: | None |

International Air Transportation (ICAO/IATA):

| | |
|---------------------------|---------------|
| Proper shipping name: | Not regulated |
| Hazard class or division: | None |
| Identification number: | None |
| Packing group: | None |

Water Transportation (IMO/MDG):

| | |
|---------------------------|---|
| Proper shipping name: | Not regulated |
| Hazard class or division: | None |
| Identification number: | None |
| Packing group: | None |
| Exceptions: | None |
| Marine pollutant: | Organo tin carboxylate , Stannous 2-ethyl hexanoate |

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 5 (a) (2) SNUR: | None. |
| TSCA 12 (b) Export Notification: | None. |

| | |
|-------------------------------------|-------------------------|
| CERCLA/SARA Section 302 EHS: | None. |
| CERCLA/SARA Section 311/312: | Immediate Health Hazard |
| CERCLA/SARA 313: | None. |

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

Canada Regulatory Information

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

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: Updated Revision Date Only

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