

Revision Date: 04/03/2007

Issue date: 04/03/2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: HYSOL EA 9696 .030 PSF UNS
Product type: Adhesive for the Aerospace Industry
Company address:
 Henkel Corporation
 2850 Willow Pass Road
 Bay Point, California 94565

Item No. : AF9113512 / IDH No. 611484
Region: United States
Contact Information:
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2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Modified epoxy resin Proprietary	30-60	None	None	None
Epoxy resin Proprietary	30-60	None	None	None
Modified epoxy resin Unknown	1-5	None	None	None
Bisphenol A diglycidyl ether 1675-54-3	1-5	None	None	None
Guanidine derivative Proprietary	1-5	None	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Solid Rubber-like Film
Color: Green
Odor: Slight

HMIS:

HEALTH: 2*
FLAMMABILITY: 1
PHYSICAL HAZARD: 1
Personal Protection: See Section 8

WARNING: MAY CAUSE ALLERGIC SKIN REACTION.
 MAY CAUSE SKIN IRRITATION.
 MAY CAUSE RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Skin

Potential Health Effects

Inhalation: May cause respiratory tract irritation.
Skin contact: May cause skin irritation. May cause allergic skin reaction.
Eye contact: May cause irritation.
Ingestion: Not expected under normal conditions of use.

Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders.

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If discomfort persists seek medical attention.
Skin contact:	Wash with soap and water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.
Eye contact:	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion:	Drink water as a precaution. Get medical attention if symptoms develop and persist.
Notes to physician:	Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

Flash point:	Greater than 93°C (200°F) (estimated)
Autoignition temperature:	Not determined
Flammable/Explosive limits-lower %:	Not determined
Flammable/Explosive limits-upper %:	Not determined
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. Cartridge respirators do not provide adequate protection for fire fighters or exotherm mitigation.
Unusual fire or explosion hazards:	May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses.
Hazardous combustion products:	Oxides of carbon and nitrogen, aldehydes, acids and undetermined organics.

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.
Storage:	Keep cool in accordance with information on label and in Technical Data Sheets.
Incompatible products:	Keep away from strong oxidizing agents, strong Lewis or mineral acids.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.
Respiratory protection:	When workplace hazards warrant the use of a respirator, appropriate respirators must be used, and a program that follows 29 CFR 1910.134 must be followed.
Skin protection:	Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.
Eye/face protection:	Wear appropriate goggles, face shields or other PPE which will be effective under the circumstances if the possibility of contact exists. A program meeting 29 CFR 1910.133 requirements must be followed when PPE is necessary.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid Rubber-like Film
Color:	Green
Odor:	Slight
Vapor pressure:	Nil
pH:	Not available
Boiling point/range:	Not determined
Melting point/range:	Not determined
Specific gravity:	Product sold in pounds per square foot.
Vapor density:	Greater than 1
Evaporation rate:	Not determined
Solubility in water:	Negligible.
Partition coefficient (n-octanol/water):	Not determined
VOC content:	<10 g/l (estimate) per SCAQMD Rule 1124 [EPA Test Method 24/304-91]

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	May occur.
Hazardous decomposition products:	Oxides of carbon and nitrogen, aldehydes, acids and undetermined organics.
Incompatibility:	Keep away from strong oxidizing agents, strong Lewis or mineral acids.
Conditions to avoid:	Avoid heating masses of film greater than 1 pound (.454 kg) total. Avoid heating unless curing surfaces to be bonded. 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:	Loctite is not aware of any toxicity data on the specific mixture of chemical components contained in this product.
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Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Modified epoxy resin Proprietary	No	No	No
Epoxy resin Proprietary	No	No	No
Modified epoxy resin Unknown	No	No	No
Bisphenol A diglycidyl ether 1675-54-3	No	No	No
Guanidine derivative Proprietary	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Modified epoxy resin Proprietary	No data
Epoxy resin Proprietary	Allergen, Irritant
Modified epoxy resin Unknown	No data
Bisphenol A diglycidyl ether 1675-54-3	Allergen, Central nervous system, Irritant, Respiratory, Liver
Guanidine derivative Proprietary	Allergen, Central nervous system, Eyes, Irritant

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with Federal, State and local regulations.

EPA hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

U.S. Postal System: This material is allowed to be sent through the U.S. Postal system.

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

Proper shipping name: Not restricted
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA):

Proper shipping name: Not restricted
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG):

Proper shipping name: Not restricted
Hazard class or division: None
Identification number: None
Packing group: None
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.
CERCLA/SARA Section 311/312: Immediate Health Hazard, Delayed Health Hazard
CERCLA/SARA 313: None above reporting de minimus.

California Proposition 65: This product contains a chemical known to the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDSL Status: One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-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: 2,15

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