



Revision Number: 001.1

Issue date: 12/09/2008

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	HYSOL EA 9628H .030 PSF K	IDH number:	549799
Product type:	Adhesive for the Aerospace Industry	Item number:	AT9104512
		Region:	United States
Company address:	Contact information:		
Henkel Corporation	Telephone: 925.458.8000	Fax: 925.458.8030	
2850 Willow Pass Road	Emergency telephone: 860.571.5100		
Bay Point, California 94565	Internet: www.henkelna.com		

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state:	Solid, Film	HEALTH:	*2
Color:	Green	FLAMMABILITY:	1
Odor:	Slight	PHYSICAL HAZARD:	1
		Personal Protection:	See MSDS Section 8

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

Relevant routes of exposure: Skin

Potential Health Effects

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

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

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Modified epoxy resin	Unknown	30 - 60
Epoxy resin	Proprietary	10 - 30
Modified Epoxy Resin	Unknown	1 - 5
Guanidine derivative	Proprietary	1 - 5
3-(P-chlorophenyl)-1,1-dimethylurea	150-68-5	1 - 5
Modified Epoxy Resin	Unknown	1 - 5

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If symptoms persist, seek medical advice.

Skin contact: Wash with soap and water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

Eye contact: In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

Ingestion: Drink water as a precaution. If symptoms develop and persist, get medical attention.

5. FIRE FIGHTING MEASURES

Flash point: > 93 °C (> 199.4 °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 firefighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

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

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up methods: Scrape up as much material as possible. Store in a partly filled, closed container until 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.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Modified epoxy resin	None	None	None	None
Epoxy resin	None	None	None	None
Modified Epoxy Resin	None	None	None	None
Guanidine derivative	None	None	None	None
3-(P-chlorophenyl)-1,1-dimethylurea	None	None	None	None
Modified Epoxy Resin	None	None	None	None

Engineering controls: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

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

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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid, Film
Color: Green
Odor: Slight
Odor threshold: Not available
pH: Not available
Vapor pressure: Negligible
Boiling point/range: Not determined
Melting point/ range: Not determined
Specific gravity: Not determined
Vapor density: > 1
Flash point: > 93 °C (> 199.4 °F) ; Estimated
Flammable/Explosive limits - lower: Not determined
Flammable/Explosive limits - upper: Not determined
Autoignition temperature: Not determined
Evaporation rate: Not determined
Solubility in water: Not miscible or difficult to mix
Partition coefficient (n-octanol/water): Not determined
VOC content: < 10 g/l per SCAQMD Rule 1124 [EPA Test Method 24/304-91] (estimated)

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous reactions: May occur.

Hazardous decomposition products: Oxides of carbon and nitrogen, aldehydes, acids and undetermined organics.

Incompatible materials: Keep away from strong oxidizing agents, strong Lewis or mineral acids.

Conditions to avoid: Avoid heating masses of film greater than 1 pound (0.454 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

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Modified epoxy resin	No	No	No
Epoxy resin	No	No	No
Modified Epoxy Resin	No	No	No
Guanidine derivative	No	No	No
3-(P-chlorophenyl)-1,1-dimethylurea	No	No	No
Modified Epoxy Resin	No	No	No

Hazardous components	Health Effects/Target Organs
Modified epoxy resin	No Data
Epoxy resin	Allergen, Irritant
Modified Epoxy Resin	No Data
Guanidine derivative	Allergen, Central nervous system, Eyes, Irritant
3-(P-chlorophenyl)-1,1-dimethylurea	Blood, Irritant, Central nervous system, Mutagen, Kidney, Liver
Modified Epoxy Resin	No Data

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

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/IMDG)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: 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 above reporting de minimus

CERCLA/SARA Section 302 EHS: None above reporting de minimus

CERCLA/SARA Section 311/312: Immediate Health, Delayed Health

CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). 3-(P-chlorophenyl)-1,1-dimethylurea (CAS# 150-68-5).

California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDL 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: New Material Safety Data Sheet format.

Prepared by: C.J. Michaels, Manager, Regulatory Affairs For Safety and Regulatory information contact: Regulatory Affairs Rocky Hill, CT 860-571-5204

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