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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: EA 960F 50G PUDDING CUP PART A	Kit Number: AS9042000
Product type: Adhesive for the Aerospace Industry	Item No. : AA9042304 / IDH No. 936860
Company address: Henkel Corporation 2850 Willow Pass Road Bay Point, California 94565	Region: United States Contact Information: Telephone: 925.458.8000 Fax : 925.458.8030. Emergency Telephone: 860.571.5100. Internet www.aerospace.henkel.us

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Epichlorohydrin-4,4'-isopropylidene diphenol resin 25068-38-6	30-60	None	None	None
Phenol, polymer with formaldehyde, glycidyl ether 28064-14-4	10-30	None	None	None
Talc 14807-96-6	10-30	2 mg/m ³ TWA particulate matter containing no asbestos and <1% crystalline silica	= 20 mppcf TWA	50 ppm

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Paste	HEALTH: 2*
Color: Dark orange	FLAMMABILITY: 1
Odor: Epoxy	PHYSICAL HAZARD: 1
	Personal Protection: See Section 8

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

Relevant routes of exposure: Skin contact, Eye contact, Inhalation

Potential Health Effects

Inhalation:	May cause irritation to nose and throat.
Skin contact:	Irritating to skin. Repeated or prolonged skin contact may result in allergic sensitization.
Eye contact:	Contact with eyes will cause irritation.
Ingestion:	Not expected under normal conditions of use.

Existing conditions aggravated by exposure: Eye disorders. Skin 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:	Remove contaminated clothing and shoes. Wash with soap and water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion:	Drink water as a precaution. Get medical attention immediately.
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:	No information available
Clean-up methods:	Scrape up as much material as possible. Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling:	For the Part A plus Part B adhesive mixture, follow curing schedule as recommended in product literature. Do not heat Part A at temperatures greater than 100 °C (212 °F). This material may self-react at higher temperatures and cause an exotherm. The exotherm has the potential for release of excessive energy and toxic gasses. Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full.
Storage:	For safe storage, store at or below 25°C (77°F).
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 below occupational exposure limits.
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 impermeable gloves and protective clothing as necessary 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Paste
Color:	Dark orange
Odor:	Epoxy
Vapor pressure:	Nil
pH:	Neutral
Boiling point/range:	Not determined
Melting point/range:	Not determined
Specific gravity:	1.58
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 mixing resin (Part A) and curing agent (Part B) in batches greater than 1 pound(s) (.454 kg) unless you plan to use immediately. Do not heat mixed adhesive above 24°C (75°F) 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

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Epichlorohydrin-4,4'-isopropylidene diphenol resin 25068-38-6	No	No	No
Phenol, polymer with formaldehyde, glycidyl ether 28064-14-4	No	No	No
Talc 14807-96-6	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Epichlorohydrin-4,4'-isopropylidene diphenol resin 25068-38-6	Allergen, Irritant
Phenol, polymer with formaldehyde, glycidyl ether 28064-14-4	Allergen, Irritant
Talc 14807-96-6	Some evidence of carcinogenicity, Lung, Irritant

12. ECOLOGICAL INFORMATION

Ecological information:	Not available
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13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Legal disposition of wastes is the responsibility of the owner/generator of the waste. Applicable federal, state and/or local regulations must be followed during treatment, storage, or disposal of waste containing this product.

EPA hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

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: Not applicable

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.

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

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, If the cured material is to be dry sanded, ground, or abraded, then the material becomes a D2A.

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 3,15

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