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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Epsilon 99900 Binder Bulk	Item No. : RSN305243
Product type: Fiber Preform	Region: United States
Company address: Henkel Corporation 2850 Willow Pass Road Bay Point, California 94565	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>
Thermoplastic polymer Proprietary	60-100	None	None	None
Epoxy resin Proprietary	10-30	None	None	None

3. HAZARDS IDENTIFICATION

<u>EMERGENCY OVERVIEW</u>		
<u>HMIS:</u>		
Physical state: Solid / Powder	HEALTH:	2*
Color: White	FLAMMABILITY:	1
Odor: None	PHYSICAL HAZARD:	0
	Personal Protection:	See Section 8
 WARNING: MAY CAUSE SKIN IRRITATION. CAUSES EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY IRRITATE THE UPPER RESPIRATORY TRACT		

Relevant routes of exposure: Eyes, Skin

Potential Health Effects

Inhalation:	May cause irritation to nose and throat.
Skin contact:	May cause skin irritation. May cause allergic skin reaction.
Eye contact:	Moderate eye irritation.
Ingestion:	Not expected under normal conditions of use.

Existing conditions aggravated by exposure: Not available

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. 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:	If conscious, drink plenty of water. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point:	Not applicable Product is a solid.
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:	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, oxides of nitrogen, irritating organic vapors.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent further leakage or spillage.
Clean-up methods:	Scrape up spilled material and place in sealed container for disposal.

7. HANDLING AND STORAGE

Handling:	Do not cut, grind, weld, or drill on or near this container. Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full.
Storage:	Keep in a cool, well ventilated area.
Incompatible products:	Not available

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 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. 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 / Powder
Color: White
Odor: None
Vapor pressure: Not available
pH: Not applicable
Boiling point/range: Not available
Melting point/range: Not available
Specific gravity: Not available
Vapor density: Not available
Evaporation rate: Not available
Solubility in water: Not available
Partition coefficient (n-octanol/water): Not available
VOC content: 0%; 0 grams/liter (calculated)

10. STABILITY AND REACTIVITY

Stability: Stable.
Hazardous polymerization: Will not occur.
Hazardous decomposition products: Oxides of carbon and nitrogen, aldehydes, acids and undetermined organics.
Incompatibility: Heat, sunlight, or UV light.
Conditions to avoid: Extremes of temperature and direct sunlight.

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Thermoplastic polymer Proprietary	No	No	No
Epoxy resin Proprietary	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Thermoplastic polymer Proprietary	No data
Epoxy resin Proprietary	Allergen, Irritant

12. ECOLOGICAL INFORMATION

Ecological information: Not known

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: This product may contain traces of Benzene and may be classified as a hazardous waste (waste number(s) D018) under EPA RCRA (40 CFR 261.24). However this product is only classifiable as hazardous waste if it exhibits the characteristics of toxicity as shown by the toxicity characteristic leaching procedure (TCLP). Under RCRA, it is the responsibility of the end user of this product to determine whether it meets this criteria at the time of disposal.

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
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.

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

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. Those components must be tracked by all Canadian Importers of Record as required by the Canadian Environmental Protection Agency. They may be imported into Canada in limited quantities. Please contact Product Safety and Regulatory Affairs for details.

WHMIS hazard class: D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: First issue.

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