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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: EPSILON 99100 RTM RESIN BULK
Product type: Resin transfer molding
Company address: Henkel Corporation, 2850 Willow Pass Road, Bay Point, California 94565
Item No.: RSN305142
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

Table with 5 columns: Hazardous components, %, ACGIH TLV, OSHA PEL, OTHER. Rows include Thermoset resin, Epoxy resin, and Soluble Oligomer-UNKNOWN.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
HMIS: HEALTH: 2*, FLAMMABILITY: 1, PHYSICAL HAZARD: 0, Personal Protection: See Section 8
WARNING: CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION, CAUSES ALLERGIC SKIN REACTIONS, MAY BE HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED.

Relevant routes of exposure: Eyes, Skin

Potential Health Effects

Inhalation: Vapors and mists will irritate nose and throat and possibly eyes.
Skin contact: Causes skin irritation. Allergic skin reaction.
Eye contact: Causes eye irritation.
Ingestion: Not expected under normal conditions of use. May be harmful to the liver or kidneys.

Existing conditions aggravated by exposure: Not available

See Section 11 for additional toxicological information.

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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:	Do not induce vomiting. If conscious, drink plenty of water. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point:	Greater than 93°C (200°F) (estimated)
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:	No information available
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. Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling.
Storage:	Keep cool in accordance with information on label and in Technical Data Sheets.
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:	Liquid
Color:	Light yellow
Odor:	Slight
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:	0.4% (calculated)

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	May 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
Thermoset resin Proprietary	No	No	No
Epoxy resin Proprietary	No	No	No
Soluble Oligomer- UNKNOWN	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Thermoset resin Proprietary	Allergen, Blood, Irritant, Mutagen
Epoxy resin Proprietary	Allergen, Irritant
Soluble Oligomer- UNKNOWN	No data

12. ECOLOGICAL INFORMATION

Ecological information: Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations. Incineration is recommended.

EPA 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
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 above reporting de minimus.
CERCLA/SARA Section 311/312: None.
CERCLA/SARA 313: None above reporting de minimus.

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

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: First issue.

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