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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<b>Product name:</b> Hysol EA9309.3 NA Part A Bulk	<b>Kit Number:</b> AS9354000
<b>Product type:</b> Molding Compound	<b>Item No. :</b> AA9354000
<b>Company address:</b> Henkel Corporation 2850 Willow Pass Road Bay Point, California 94565	<b>Region:</b> United States
	<b>Contact Information:</b> Telephone: 925.458.8000 Fax : 925.458.8030. Emergency Telephone: 860.571.5100. Internet www.aerospace.henkel.us

Contains one or more components for which a Toxic Substances Control Act (TSCA) Low Volume Exemption (LVE) applies. See Section 15.

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Epoxy resin Proprietary	60-100	None	None	None
Epoxy resin Proprietary	10-30	None	None	None
Modified epoxy resin Unknown	1-5	None	None	None
Modified epoxy Resin Unknown	1-5	None	None	None
Glass spheres Proprietary	1-5	1 fiber/cm <sup>3</sup> TWA respirable fibers: length > 5 μm, aspect ratio equal to or greater than 3:1, as determined by the membrane filter method at 400-450X magnification (4-mm objective), using phase-contrast illumination. 5 mg/m <sup>3</sup> TWA inhalable fraction	0.1 mg/m <sup>3</sup> TWA	None
Titanium dioxide 13463-67-7	0.1-1	10 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> TWA total dust	None

**3. HAZARDS IDENTIFICATION**

<u>EMERGENCY OVERVIEW</u>		
<u>HMIS:</u>		
<b>Physical state:</b> Liquid	<b>HEALTH:</b>	2*
<b>Color:</b> Pink	<b>FLAMMABILITY:</b>	1
<b>Odor:</b> Epoxy	<b>PHYSICAL HAZARD:</b>	0
	<b>Personal Protection:</b>	See Section 8

**WARNING:**

CAUSES EYE IRRITATION.  
MAY CAUSE SKIN IRRITATION.  
MAY IRRITATE THE UPPER RESPIRATORY TRACT  
MAY CAUSE ALLERGIC SKIN REACTION.

**Relevant routes of exposure:** Eyes, Skin

**Potential Health Effects**

**Inhalation:** Vapors and mists will irritate nose and throat and possibly eyes.  
**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:** 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:** 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 without medical advice.

**5. FIRE-FIGHTING MEASURES**

**Flash point:** 120°C (248°F)

**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

<b>Handling:</b>	Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after 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.
<b>Storage:</b>	Keep in a cool, well ventilated area.
<b>Incompatible products:</b>	Not available

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.
<b>Respiratory protection:</b>	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.
<b>Skin protection:</b>	Use impermeable gloves and protective clothing as necessary to prevent skin contact.
<b>Eye/face protection:</b>	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

<b>Physical state:</b>	Liquid
<b>Color:</b>	Pink
<b>Odor:</b>	Epoxy
<b>Vapor pressure:</b>	Not available
<b>pH:</b>	Not applicable
<b>Boiling point/range:</b>	Not available
<b>Melting point/range:</b>	Not available
<b>Specific gravity:</b>	Not available
<b>Vapor density:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Solubility in water:</b>	Not available
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>VOC content:</b>	<10 g/l (estimate) per SCAQMD Rule 1124 [EPA Test Method 24/304-91]

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Hazardous polymerization:</b>	May occur.
<b>Hazardous decomposition products:</b>	Oxides of carbon and nitrogen, aldehydes, acids and undetermined organics.
<b>Incompatibility:</b>	No data available
<b>Conditions to avoid:</b>	No data available

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Epoxy resin Proprietary	No	No	No
Epoxy resin Proprietary	No	No	No
Modified epoxy resin Unknown	No	No	No
Modified epoxy Resin Unknown	No	No	No
Glass spheres Proprietary	Suspect Carcinogen	Group 2B	Yes
Titanium dioxide 13463-67-7	No	Group 2B	Yes

**Literature Referenced Target Organ & Other Health Effects**

Hazardous components	Health Effects/Target Organs
Epoxy resin Proprietary	Allergen, Irritant
Epoxy resin Proprietary	Allergen, Irritant
Modified epoxy resin Unknown	No data
Modified epoxy Resin Unknown	No data
Glass spheres Proprietary	Allergen, Respiratory
Titanium dioxide 13463-67-7	Irritant, Respiratory

**12. ECOLOGICAL INFORMATION**

**Ecological information:** Not available

**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 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

**Item No. :** AA9354000

**Product name:** Hysol EA9309.3 NA Part A Bulk

Identification number: None  
Packing group: None

**WaterTransportation (IMO/MDG):**

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 of this product are listed on the U.S. Toxic Substances Control Act (TSCA) or are exempted from listing because a Low Volume Exemption (LVE) has been granted in accordance with 40 CFR 723.50.

**TSCA 12 (b) Export Notification:** None.

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

**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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