



Revision Date: 05/29/2007

Issue date: 05/29/2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: EA 9150 PART B GALLON	Kit Number: AS9331000
Product type: Adhesive for the Aerospace Industry	Item No. : AB9331018 / IDH No. 937172
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>
Methylhexahydrophthalic anhydride 25550-51-0	60-100	None	None	None
Alicyclic dicarboxylic anhydride 85-42-7	10-30	0.005 mg/m ³ Ceiling	None	None
Substituted anhydride Proprietary	5-10	None	None	None
Ethylene glycol 107-21-1	1-5	100 mg/m ³ Ceiling	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Liquid	HEALTH:	2*
Color: Amber	FLAMMABILITY:	1
Odor: Slight	PHYSICAL HAZARD:	1
	Personal Protection:	See Section 8

WARNING: MAY CAUSE ALLERGIC SKIN AND RESPIRATORY REACTION.
MAY CAUSE EYE AND SKIN BURNS.
MAY CAUSE RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation:	May cause allergic respiratory reaction. May cause respiratory tract irritation.
Skin contact:	May cause allergic skin reaction. Repeated or prolonged exposure may cause skin burns.
Eye contact:	May cause severe eye irritation. Redness. Pain and discomfort. Tearing. Blurred vision. May cause eye burns.
Ingestion:	Not expected under normal conditions of use. May be harmful if swallowed.

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:	Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion:	Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

Flash point:	145°C (293°F) Cleveland open cup
Autoignition temperature:	Not tested
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:	Prevent product from entering drains or open waters.
Clean-up methods:	Wear protective clothing, gloves and safety glasses. Soak up with inert absorbent. Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling.
Storage:	Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.
Incompatible products:	Refer to Section 10.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.
Respiratory protection:	When workplace hazards warrant the use of a respirator, appropriate respirators must be used. Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists. Observe OSHA regulations for respiratory use (29 CFR 1910.134).
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.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Amber
Odor:	Slight
Vapor pressure:	0.01 mmHg
pH:	Not determined
Boiling point/range:	195°C (383°F)
Melting point/range:	Not determined
Specific gravity:	1.195
Vapor density:	5.9
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:	Will not 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:	Heat, flames and sparks. Storage with incompatible materials.

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Methylhexahydrophthalic anhydride 25550-51-0	No	No	No
Alicyclic dicarboxylic anhydride 85-42-7	No	No	No
Substituted anhydride Proprietary	No	No	No
Ethylene glycol 107-21-1	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Methylhexahydrophthalic anhydride 25550-51-0	Allergen, Irritant, Respiratory
Alicyclic dicarboxylic anhydride 85-42-7	Allergen, Irritant, Respiratory
Substituted anhydride Proprietary	Allergen, Irritant, Respiratory
Ethylene glycol 107-21-1	Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic

12. ECOLOGICAL INFORMATION

Ecological information:	Not available
--------------------------------	---------------

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

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

EPA hazardous waste number: Not available

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
DOT reportable quantity (lbs): 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

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: Immediate Health Hazard, Delayed Health Hazard
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). Ethylene glycol (CAS# 107-21-1) .

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

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.A, 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:
Product Safety and Regulatory Affairs,
Rocky Hill, CT.
860-571-5204

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation does not assume responsibility for any results obtained by persons over whose methods Henkel Corporation has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Henkel Corporation's products. In light of the foregoing, Henkel Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation further disclaims any liability for consequential or incidental damages of any kind, including lost profits.