MATERIAL SAFETY DATA SHEET

Section 1: PRODUCT AND COMPANY IDENTIFICATION
CP Adhesives: 11047 Lambs Lane Newark, OH 43055
Emergency phone: 800-424-9300 (Chemtrec) 4 letter i.d.= PLOT
For Orders or Technical Information: 800-454-4583

Product Name/Code: CP-1000

Issue Date: 07-10-2006

Section 2: HAZARDS IDENTIFICATION

Health - 2 Fire - 1 Reactivity - 0
0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

EMERGENCY OVERVIEW
Appearance/Odor: Clear liquid with slight odor

WARNING
Causes allergic skin reactions. May cause irritation.

Potential Health Effects: See Section 11 for more information

Likely Routes of Exposure: Dermal

Eye: See Sections 7, 8 and 11
Skin: See Sections 7, 8 and 11
Ingestion: See Sections 7, 8 and 11
Inhalation: See Sections 7, 8 and 11

Overexposure Effects: Irritation, sensitization and dermatitis

Medical Conditions Aggravated By Exposure:
Allergy, eczema or skin conditions.

This product has not been reviewed for carcinogen status by OSHA, IARC or NTP.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Environmental Effects: See Section 12 for more information)

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS #	% by Wt.
Phenol, 4,4'-(I-methylethylidene)bis-, polymer with (chloromethyl)oxirane Common Name: Bisphenol A Diglycidyl Ether Polymer	25068-38-6	

Section 4: FIRST AID MEASURES
Eye Contact: Immediately flush eyes with water for at least 15 minutes with running water. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. Get immediate medical attention.

Skin Contact: For skin contact, wash with large amounts of running water, and soap, if available, for 15 minutes. Remove contaminated clothing and shoes. Get immediate medical attention. Discard or decontaminate clothing before re-use and destroy contaminated shoes.
Inhalation: Move to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
Ingestion: If swallowed, give at least 3-4 glasses of water but do not induce vomiting. If vomiting occurs, give water again. Do not give anything by mouth to an unconscious or convulsing person. Get medical attention. Have physician determine whether vomiting or stomach evacuation is necessary.
Overexposure Effects: Irritation, sensitization and dermatitis.
Additional Information: Promptly remove wet contaminated non-impervious clothing. Wash before reuse.

Section 5: FIRE FIGHTING MEASURES
Flash Point: 490F (254C)
Flash Point Method Used: Closed Cup
Suitable Extinguishing Media: Carbon dioxide, foam, dry chemical, water spray
Unsuitable Extinguishing Media: Not available
Products of Combustion: Decomposition and combustion products may be toxic.

Fire Fighting Equipment: Use Self-contained breathing apparatus

Section 6: ACCIDENTAL RELEASE MEASURES
Personal Precautions: Use personal protection recommended in Section 8.
Avoid all personal contact. Take up with absorbent material. Shovel into closable containers. Flush contaminated area with water.
Methods for Containment: Take up with absorbent material.
Methods for Clean-Up: Shovel into closable containers. Flush contaminated area with water.
Other Information: Avoid all personal contact.

Section 7: HANDLING AND STORAGE
Handling
Precautions: Avoid contact with eyes, skin and clothing. Avoid breathing vapor, mist or spray. Use only with good ventilation. Promptly remove wet contaminated non-impervious clothing and wash before reuse. Destroy contaminated leather and absorbent shoes. Individuals should wash thoroughly after handling. For industrial use only.

Storage
Store in cool, dry area in sealed containers. Keep containers closed to prevent moisture absorption and contamination.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
Exposure Guidelines

	Exposure Limits					Carcinogen Status		
	ACGIH		OSHA		MFR.	IARC	NTP	OSHA
	TWA	STEL	PEL	STEL				
*25068-38-6 Phenol, 4,4'-(I-methylethylidene) bis-,polymer with (chloromethyl) oxirane	NE	NE	NE	NE	NE	NR	NR	NR

Common name: Bisphenol A Diglycidyl Ether Polymer

NE-Not Established NR-Not Reviewed *OSHA Hazardous Ingredient

Engineering Controls: The following exposure control techniques may be used to effectively minimize employee exposure: local exhaust ventilation, enclosed system design, process isolation and remote control in combination with appropriate use of personal protective equipment and prudent work practices. These techniques may not necessarily address all issues pertaining to your operations. We, therefore, recommend

that you consult with experts of your choice to determine whether or not your programs are adequate. If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria. Good general mechanical ventilation and local exhaust.

Personal Protection: Where air contaminants can exceed acceptable criteria, use NIOSH (42 CFR Part 84) approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA laws and regulations or other applicable standards or guidelines, including ANSI standards regarding respiratory protection. Organic chemical cartridge respirator, if needed. Wear appropriate equipment to prevent eye or skin contact. Use of barrier cream recommended. Wear splash-proof chemical goggles. Wear impervious gloves to prevent skin contact.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES
Color: Clear
Odor: Slight
Odor Threshold: Not available.
Physical State: Liquid.
pH: Not available
Freezing Point: Not available
Boiling Point: >200C (>392F)
Decomposition Temperature: >200C (>392F)
Flash Point: 490F (254C)
Flash Point Method Used: Closed Cup
Evaporation Rate: Not available.
Vapor Pressure: ~1 mmHg at 180C (356F)
Vapor Density: Not available
Specific Gravity: 1.15 – 1.17 at 25C (77F)
Solubility (water): Insoluble
Partition Coefficient (n-octanol/water): Not available
Percent Volatile, wt. %: Nil
Volatile Organic Compound (VOC) content, wt. %: Not available

Section 10: STABILITY AND REACTIVITY
Stability: Stable.
Conditions to Avoid: Avoid strong acids or bases in bulk and elevated temperatures.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, aldehydes
Possibility of Hazardous Reactions: Hazardous Polymerization will not occur.

Section 11: TOXICOLOGY INFORMATION
Acute Oral Effects (LD50): (Rat)>5,000mg/kg
Acute Dermal Toxicity (LD50): (Rabbit)>6000 mg/kg
Sensitization: Moderate sensitizer
Skin Irritation: (Rabbit) Moderate irritation
Eye Irritation: (Rabbit) Slight irritation
Teratogenicity: (Rat, Rabbit) No adverse effects on embryonic or fetal development were observed.
Mutagenicity:
Ames Tests: both positive and negative results
Hamster Bone Marrow Cytogenetics (in vivo): negative
Mouse Spermatocytes Cytogenetics (in vivo): negative
Micronucleus Test (in vivo): negative
Mouse Dominant Lethal Test: negative
Alkylation of DNA: positive
Human Mononucleated WBC (in vitro): negative

Host Mediated Assay: negative

Sub-Chronic Chronic Skin Exposure Effects:
(Rat) No observable effect at highest level studied (1000 mg/kg/day for 28 days) in oral feeding study.

Chronic Skin Exposure Effects:
2-Year Dermal Study in Mice: no treatment related effects
2-Year Skin Painting Studies:
A) C3HF/BD Mice: no increased tumor incidence
B) C57BL/6BD Mice: slight increase in epidermal localized carcinomas at high dose
C) C3H Mice: no tumors

Mice receiving skin applications of the Diglycidyl Ether of Bisphenol A or essentially identical resins for two years have yielded very limited evidence of weak carcinogenicity. The published report on this study concludes that this resin product "is not a systemic carcinogen when applied to the skin of CF-1 mice" and the tumor data "was of no biological importance". Based on all available data, IARC (International Agency for Research on Cancer) has concluded in 1988 that DGEBPA is not classified as a carcinogen.

Section 12: ECOLOGICAL INFORMATION
Biodegradability: (Modified Sturm method): ~12%

Fish Toxicity:
Rainbow/Trout (96hr.): LC50 1.5 mg/l
Zebra Fish (96hr): LC50 2.4 mg/l

Invertebrate Toxicity: Daphnia Toxicity (24 hr.): EC50 3.6 mg/l

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Dispose of in accordance with federal, state and local regulations.

Section 14: TRANSPORTATION INFORMATION

The data provided in this section is for information only and may not be specific to your package size. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

US DOT (ground)
Not regulated

Canadian TDG (ground)
Not available

Section 15: REGULATORY INFORMATION
Us Federal Regulations:
Occupational Safety and Health Act (OSHA): This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a hazardous chemical under that standard.

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261).

TSCA Section 8(b)-Inventory Status: Chemical components listed on TSCA Inventory.

TSCA Section 12(b)-Export Notification: This product contains chemical (s) which is (are) regulated b TSCA 12(b) regulation and it is required that proper export notification shall be sent to EPA prior to shipping out of the United States of America.

CAS Number: 1675-54-3
Chemical Name: Bisphenol A Diglycidyl Ether

International regulations:
Canadian Inventory Status: All components included on the Domestic Substances List (DSL)

State Regulations:
New Jersey Right-to-know: the following is required composition information:
CAS Number: 25068-38-6
Chemical Name: Phenol, 4,4'-(l-methylethylidene)bis-, polymer with (chloromethyl) oxirane

Pennsylvania Right-to-know: The following is required composition information:
CAS Number: 25068-38-6
Chemical Name: Phenol, 4,4'-(l-methylethylidene)bis-, polymer with (chloromethyl) oxirane
Common Name: Bisphenol A Epoxy Resin
Comment: Not on Pennsylvania Hazardous Substance List

SARA 313 Information

SARA Title III: Section 304-CERCLA: Not listed

SARA Title III: Section 313 Toxic Chemical List (TCL): This product does not contain a toxic chemical for routine annual Toxic Chemical Release Reporting' under Sec. 313 (40 CFR 372)
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WHMIS: Canadian Workplace Hazardous Material Information System
Not available

Section 16: OTHER INFORMATION
For further information, contact the Emergency Phone Number

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