

5050 -0190
REV.E



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For any application questions regarding the use of this product, contact your local authorized PACE dealer or contact PACE directly at: Telephone (301) 490-9860, Fax (301) 498-3252

PACE Incorporated
9030 Junction Drive
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PACE P/N 5050-0190 REV. E DEPEND ADHESIVE

HENKEL LOCTITE CORPORATION 1001 TROUT BROOK CROSSING
 ROCKY HILL, CONNECTICUT 06067
 EMERGENCY PHONE: (860) 571-5100

10/22/04

MATERIAL SAFETY DATA SHEET

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Depend(R) ODC-Free 330 Adhesive
 ADHESIVE 20251

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Depend(R) ODC-Free 330 Adhesive
 Item No.: ADHESIVE 20251 Part of Kit: 20251
 Product Type: Structural Adhesive

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Heterocyclic methacrylate	2455-24-5	50-55
Polyethylene based rubber	68037-39-8	30-35
Alkyl methacrylate	688-84-6	5-10
METHACRYLIC ACID	79-41-4	5-10
CUMENE HYDROPEROXIDE*	80-15-9	0.1-1
2,6-DI-tert-BUTYL-p-CRESOL	128-37-0	0.1-1
Epoxy resin	25068-38-6	0.1-1
CARBON TETRACHLORIDE*	56-23-5	0.01-0.1

* This component is listed as a SARA Section 313 Toxic Chemical.

Under the Clean Air Act this product is exempted from labeling as an ozone depleting chemical (40 CFR 82.106(b)(1)).

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Alkyl methacrylate	None	None	25ppm
METHACRYLIC ACID	20 ppm TWA 70 mg/m3	20 ppm TWA skin 70 mg/m3 skin	4 ppm skin 10 ppm skin
CUMENE HYDROPEROXIDE	None	None	1ppm(6mg/m3) Skin(WEEL)
2,6-DI-tert-BUTYL-p-CRESOL	2 mg/m3 TWA	None	10 mg/m3
CARBON TETRACHLORIDE	5 ppm TWA skin 31 mg/m3 skin	2 ppm TWA 12.6 mg/m3	None
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	
CARBON TETRACHLORIDE	10 ppm skin 63 mg/m3 skin	None	

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3. HAZARDS IDENTIFICATION

Toxicity: Liquid is an eye irritant.
 Vapors may irritate eye, nose and throat.
 Oral LD50 more than 10000 mg/kg.
 Dermal LD50 more than 4000 mg/kg.

Primary Routes of Entry: Eyes, skin, inhalation

Signs and Symptoms of Exposure: Irritation of eyes, nose, throat.

Existing Conditions Aggravated by Exposure: BHT: skin diseases, asthma
 Carbon tetrachloride: cirrhosis of the liver

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Heterocyclic methacrylate	ALG IRR	NO	NO	NO
Polyethylene based rubber	NTO	NO	NO	NO
Alkyl methacrylate	ALG IRR	NO	NO	NO
METHACRYLIC ACID	ALG COR IRR	NO	NO	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
2,6-DI-tert-BUTYL-p-CRESOL	AC4 IRR MUT	NO	N/A	NO
Epoxy resin	ALG IRR	NO	NO	NO
CARBON TETRACHLORIDE	AC2 CAR CNS IRR KID LIV SOM	YES	2B	NO

Abbreviations

N/A Not Applicable	2B Possibly carcinogenic to humans
AC2 ACGIH suspected human carcinogen	AC4 ACGIH-Unclassifiable as human carc.
ALG Allergen	CAR Cardiac
CNS Central nervous system	COR Corrosive
IRR Irritant	KID Kidney
LIV Liver	MUT Mutagen
NTO No Target Organs	SOM Some evidence of carcinogenicity

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water.

Eye Contact: Flush at least 15 minutes with water. Obtain medical attention.

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5. FIRE FIGHTING MEASURES

Flash Point: Approximately 188°F Method: Tag Closed Cup

Recommended

Extinguishing Agents: Carbon dioxide, foam, dry chemical

Special Firefighting

Procedures: Not available

Hazardous Products formed

by Fire or Thermal Decomp Toxic chlorides

Unusual Fire or

Explosion Hazards: None

Explosive Limits:

(% by volume in air) Lower Not available

(% by volume in air) Upper Not available

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case

of spill or leak:

Soak up in an inert absorbent. Store in partly
filled, closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage: Store below 100°F

(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)

Handling:

Keep away from eyes. Avoid breathing of vapors.
Avoid prolonged skin contact.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.

Skin: Rubber or plastic gloves.

Ventilation: Provide sufficient local ventilation to maintain
vapor concentration below TLV

Respiratory: Not available

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber liquid

Odor: Sharp, irritating

Boiling Point: More than 300°F

pH: Does not apply

Solubility in Water: Slight

Specific Gravity: Approximately 1.1 at 80°F

Volatile Organic Compound

(EPA Method 24) 68.5%; 754 grams per liter

Vapor Pressure: Less than 10mm at 80°F

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9. PHYSICAL AND CHEMICAL PROPERTIES

(continued)

Vapor Density: Not available
Evaporation Rate
(Ether = 1): Not available

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: None
Conditions to Avoid: Not available
Hazardous Decomposition
Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.
EPA Hazardous Waste Number: User should perform TCLP testing per 40 CFR 261.24 for D019.

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Unrestricted (Not more than 450 liters);
Combustible liquids, n.o.s. (Tetrahydrofurfuryl
methacrylate solution) (More than 450 liters)

Hazard Class or Division: Unrestricted (Not more than 450 liters)
Combustible liquid (More than 450 liters)

Identification Number: None (Not more than 450 liters);
NA 1993 (More than 450 liters)

Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

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15. REGULATORY INFORMATION

CA Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer. Chloroform, carbon tetrachloride

16. OTHER INFORMATION

Estimated NFPA(R) Code:
Health Hazard: 2
Fire Hazard: 2
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:
Health Hazard: 2
Flammability Hazard: 2
Reactivity Hazards: 0
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

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