MATERIAL SAFETY DATA SHEET	3M Ce St. I 55144	Paul, M 4-1000		esota or (651) 737-6501	(24 h	ours)	
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DIVISION: ENGINEERE TRADE NAME:	ed adhi	ESIVES					
3M BRAND DP-460 DI							
ID NUMBER/U.P.C.:	JU-PACI	C EPOX:	I ADI	HESIVE			
				FS-9100-1925-6			
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				FS-9100-2086-6			-
				FS-9100-2088-2			-
				FS-9100-2090-8			-
				FS-9100-2092-4		-	-
FS-9100-2196-3							-
				FS-9100-2203-7			-
FS-9100-2875-2		-	-	FS-9100-2916-4	-	-	-
ISSUED: May 17, 2001							
SUPERSEDES: October	26, 19	999					
DOCUMENT: 06-4616-6							

This product is a kit or a multipart product which consists of multiple, independently packaged components. An MSDS for each of these components is included. Please do not separate the component MSDSs from this cover page. The document numbers of the MSDSs for components of this product are: 06-4611-7

06-4614-1

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

MSDS: 3M BRAND DP-460 DU0-PACK EPOXY ADHESIVE May 17, 2001

PAGE 2

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Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

MSDS: 3M SCOTCH-WELD BRAND 460 B/A ADHESIVE - PART A May 17, 2001 PAGE 2 _____ 3. FIRE AND EXPLOSION HAZARD DATA _____ FLASH POINT:..... 340.00 F TCC FLAMMABLE LIMITS - LEL:..... N/A FLAMMABLE LIMITS - UEL:..... N/A AUTOIGNITION TEMPERATURE:..... N/D EXTINGUISHING MEDIA: Water, Carbon dioxide, Dry chemical, Foam SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head. UNUSUAL FIRE AND EXPLOSION HAZARDS: None known. NFPA HAZARD CODES: HEALTH: 1 FIRE: 0 REACTIVITY: 1 UNUSUAL REACTION HAZARD: none _____ 4. REACTIVITY DATA _____ STABILITY: Stable INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID: Heat is generated during cure. Do not cure a mass larger than 50 grams in a confined space to prevent a premature reaction (exotherm) with production of intense heat and smoke. HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur. HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and Carbon Dioxide, Oxides of Nitrogen, Amine Compounds, Toxic Vapors, Gases or Particulates. _____ 5. ENVIRONMENTAL INFORMATION _____ SPILL RESPONSE: Observe precautions from other sections. Cover with absorbent material. Collect spilled material. Place in an approved metal container. _____ Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

MSDS: 3M SCOTCH-WELD BRAND 460 B/A ADHESIVE - PART A May 17, 2001 PAGE 3 _____ 5. ENVIRONMENTAL INFORMATION (continued) _____ RECOMMENDED DISPOSAL: Cure product according to product instructions. Incinerate uncured waste in an industrial or commercial incinerator. Dispose of completely cured (or polymerized) material in a sanitary landfill. ENVIRONMENTAL DATA: Not determined. **REGULATORY INFORMATION:** Volatile Organic Compounds: 0 gms/liter. VOC Less H2O & Exempt Solvents: 0 gms/liter. Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous). EPCRA HAZARD CLASS: FIRE HAZARD: NO PRESSURE: NO REACTIVITY: NO ACUTE: Yes CHRONIC: Yes _____ 6. SUGGESTED FIRST AID _____ EYE CONTACT: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention. SKIN CONTACT: Immediately flush skin with large amounts of water for at least 15 minutes in a chemical safety shower while removing contaminated clothing and shoes. Get immediate medical attention. Wash contaminated clothing before reuse. INHALATION: If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician. TE SWALLOWED: Do not induce vomiting. Drink two glasses of water. Call a physician. _____ 7. PRECAUTIONARY INFORMATION _____ EYE PROTECTION: Avoid eye contact. Wear vented goggles. Wear safety glasses with side shields. _____ Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

7. PRECAUTIONARY INFORMATION (con-	inued)					
SKIN PROTECTION: Avoid skin contact. Wear appropriate material. A pair of gloves made from recommended: polyethylene/ethylene v	the fol	lowing mat				
RECOMMENDED VENTILATION: Provide appropriate local exhaust for cured material. Curing ovens must be suitable emission control device. Use exhaust ventilation is not adequate, a protection.	exhaust e in a v	ed to out vell-venti	doors or lated are	to [¯] a ea. If		
RESPIRATORY PROTECTION: Avoid breathing of vapors. Avoid breat cutting, sanding or grinding. Select approved respirators based on airborne and in accordance with OSHA regulation respirator with dust/mist prefilter.	one of e concer	the follow tration of	wing NIOS E contami	nants		
PREVENTION OF ACCIDENTAL INGESTION: Do not eat, drink or smoke when using areas thoroughly with soap and water.			sh expose	ed		
RECOMMENDED STORAGE: Store away from heat. Keep out of the	e reach	of childre	en.			
FIRE AND EXPLOSION AVOIDANCE: Keep container tightly closed.						
EXPOSURI	E LIMITS	1				
INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKI	N,
4,7,10-TRIOXATRIDECANE-1,13- DIAMINE MODIFIED DIGLYCIDYL ETHER OF	NONE	NONE	NONE	NONE		
BISPHENOL A EPOXY RESIN 2,4,6-TRIS((DIMETHYLAMINO)-	NONE NONE	NONE NONE	NONE NONE	NONE NONE		
METHYL)PHENOL	5 3 AS F	PPM MG/M3 ESPIRABLE	TWA TWA DUST	CMRG CMRG		
* SKIN NOTATION: Listed substances ind the potential contribution to the overa including mucous membrane and eye, eithe by direct contact with the substance.	ll expos er by ai	ure by the rborne or	e cutanec , more pa	ous rou articul	te arly	,

SOURCE OF EXPOSURE LIMIT DATA:

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

MSDS: 3M SCOTCH-WELD BRAND 460 B/A ADHESIVE - PART A PAGE 5 May 17, 2001 EXPOSURE LIMITS (continued) INGREDIENT VALUE UNIT TYPE AUTH SKIN* _____ - CMRG: Chemical Manufacturer Recommended Exposure Guidelines - NONE: None Established _____ 8. HEALTH HAZARD DATA _____ EYE CONTACT: Chemical Related Eye Burns (chemical corrosivity): signs/symptoms can include cloudy appearance of the cornea, chemical burns, pain, tearing, ulcers, impaired vision or loss of vision. Vapors from heated material may cause eye irritation. Dust created by cutting, grinding, sanding, or machining may cause eye irritation. SKIN CONTACT: Allergic Skin Reaction: signs/symptoms can include redness, swelling, blistering, and itching. Skin Burns (chemical corrosivity): signs/symptoms can include redness, swelling, itching, pain, blistering, ulceration, sloughing, and scar formation. INHALATION: Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing. Vapors of heated material may cause respiratory system irritation. Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system. IF SWALLOWED: Ingestion may cause: Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces. _____ SECTION CHANGE DATES _____ HEADING SECTION CHANGED SINCE December 07, 2000 ISSUE _____ Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

MSDS: 3M SCOTCH-WELD BRAND 460 B/A ADHESIVE - PART A May 17, 2001

PAGE 6

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