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********** SECTION I, IDENTIFICATION OF PRODUCT **********

CUSTOMER NAME: THE P. D. GEORGE COMPANY
PRODUCT NAME: BT5366 EPOXY HARDENER
(SEE SECTION XI FOR OTHER PRODUCTS COVERED BY THIS MSDS)
PRODUCT NUMBER: 49-2459
LAST REV. DATE: 04/03/2004

********** SECTION II, HAZARDOUS INGREDIENTS **********

INGREDIENT	CAS #	%WGHT	VP (mmHg)		PPM	MG/M3
AROMATIC AMINE	1761-71-3	< 42	ND	OSHA	ND	ND
				ACGIH	ND	ND
AROMATIC DIAMINE	68479-98-1	< 35	<.001 @ 20 C	OSHA	ND	ND
				ACGIH	ND	ND
DIETHYLENE TRIAMINE	111-40-0	< 15	0.08 @ 20 C	OSHA	ND	ND
				ACGIH	1.0000	4.2000
MODIFIED POLYAMINES	REGISTERED	< 28	ND	OSHA	ND	ND
				ACGIH	ND	ND

HMIS *3:H 1:F 0:R

********** SECTION III, PHYSICAL DATA **********

BOILING POINT (F): NO DATA
EVAPORATION RATE (BUTYL ACETATE=1):NO DATA
WEIGHT PER GALLON (25 C): 8.415 LBS/GL
VAPOR DENSITY (AIR=1):NO DATA
VOLATILE BY WEIGHT:NO DATA
VOLATILE BY VOLUME:NO DATA
SPECIFIC GRAVITY: 1.01
VOC:

For compliance with VOC regulations, the VOC content must be calculated on an "as applied" basis. The volatile by weight and volatile by volume data on this MSDS should not be used to determine compliance with VOC regulations.

********** SECTION IV, FIRE AND EXPLOSION HAZARD DATA **********

FLAMMABILITY CLASSIFICATION
OSHA:COMBUSTIBLE LIQUID CLASS IIIB
FLASH POINT:>200F ESTIMATE
LOWER EXPLOSIVE LIMIT (LEL):NO DATA
UPPER EXPLOSIVE LIMIT (UEL):NO DATA
EXTINGUISHING MEDIA:
Carbon dioxide, dry chemical, foam, and vaporizing liquid type extinguishing agents have all been found suitable for use on flammable liquid fires of moderate size. Water spray (fog) is particularly effective on fires in flammable liquids and volatile solids having flashpoints above 100 F; but with liquids having flash points above 212 F., frothing may occur.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
During a fire, oxides of nitrogen may be produced.
SPECIAL FIRE-FIGHTING PROCEDURES:
Remove all ignition sources. Keep personnel not involved with emergency activities away and upwind of fire. Water spray may be ineffective and may cause fire to spread. If water is used, fog nozzles are preferable. Water may be used to cool closed containers in order to prevent pressure build-up which may result in an explosion. Use self-contained breathing apparatus and protective clothing.

********** SECTION V, HEALTH HAZARD DATA **********

PRIMARY ROUTE(S) OF ENTRY: Inhalation:Y Skin Contact:Y
Ingestion:N
EXPOSURE LIMIT:Refer to Section II for complete PEL/TLV data.
ACUTE EFFECTS OF OVEREXPOSURE:
INHALATION:
Vapors and mists may cause severe irritation and allergic respiratory reaction.
SKIN CONTACT:Causes skin burns. May cause allergic skin reaction.
EYE CONTACT:Causes eye burns.
SKIN ABSORPTION:
May be harmful if absorbed through skin. May produce central nervous system depression with headache and/or nausea.
INGESTION:
Exposure can result in irritation and corrosive action in the mouth, stomach tissue and digestive tract.
CHRONIC EFFECTS OF OVEREXPOSURE:
Repeated exposure may cause injury to the respiratory tract.
CARCINOGENICITY: NOT APPLICABLE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE:
Overexposure may aggravate existing respiratory, skin, liver, and/or kidney disorders.
ADDITIONAL TOXICITY INFORMATION:
Overexposure to this material (or its components) has been suggested to cause liver abnormalities in humans.
EMERGENCY AND FIRST AID PROCEDURES:
INHALATION:
If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Consult a physician.
EYE CONTACT:
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.
SKIN CONTACT:
In case of contact, immediately flush skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash and thoroughly clean contaminated clothing and shoes before reuse. Consult a physician.
INGESTION:
If swallowed, give two glasses of water. Do not induce vomiting. Consult a physician.

********** SECTION VI, REACTIVITY DATA **********

STABILITY:Stable.
CONDITIONS TO AVOID:Open flame, sparks, or high temperature.
INCOMPATIBILITY (MATERIALS TO AVOID):Oxidizing agents, acids and metals.
HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon monoxide in a fire. Ammonia when heated. Nitrogen oxides in a fire. Irritating and toxic fumes at elevated temperatures.
HAZARDOUS POLYMERIZATION:Will not occur.

********** SECTION VII, SPILL OR LEAK PROCEDURES **********

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Ventilate area. Wear protective equipment during cleanup. Absorb spill with non-biodegradable, noncompressable absorbent and place in a closed container. If large spill dike area to prevent this material from entering water system.
WASTE DISPOSAL METHOD:
Dispose of in accordance with applicable Federal, State, and local regulations. Under the Resource Conservation and Recovery Act (RCRA) regulations, it is the responsibility of the product user to determine, at the time of disposal, whether a material should be classified as a hazardous waste. Consult your attorney or appropriate regulatory

affairs officer for information on proper disposal.

********** SECTION VIII, SPECIAL PROTECTION INFORMATION **********

RESPIRATORY PROTECTION:
Wear an appropriate, properly-fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates that vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

VENTILATION:
Use with adequate ventilation. Provide general dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below the applicable exposure limit (OSHA PEL) of the combined components listed in Section II and below the LEL listed in Section IV. All application areas should be ventilated in accordance with applicable OSHA regulations. (29 CFR 1910.94)

PROTECTIVE GLOVES:
Impervious gloves required.

EYE PROTECTION:
Use safety eyewear designed to protect against splash of liquids.

OTHER SUGGESTED PROTECTIVE EQUIPMENT:
Eyewash, safety shower, impervious clothing and boots. Selection of specific personal protective equipment will depend on the product user's operation.

HYGIENIC PRACTICES:
Wash thoroughly after handling.

********** SECTION IX, SPECIAL PRECAUTIONS **********

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Do not store above 120 F.
Keep closure tight and container upright to prevent leakage.
Store container out of sunlight and away from heat, sparks, and flame.
Store only in well-ventilated areas.
Containers should be grounded when being emptied.
Never use pressure to empty. Container is not a pressure vessel.
Do not puncture, drag, or slide container.

ATTENTION: Emptied containers may retain hazardous residue and explosive vapors. Keep away from heat, sparks, and flames. Do not cut, puncture, or weld on or near this container. Follow label warnings until container is thoroughly cleaned or destroyed.

OTHER PRECAUTIONS:
Do not get in eyes.

Avoid skin contact.
Prevent repeated or prolonged breathing of vapor or spray mist.
Avoid contact with or breathing of vapors during curing process.

********** SECTION X, REGULATORY INFORMATION **********

DOT DESCRIPTION:
BULK SHIPMENT: AMINES, LIQUID, CORROSIVE, N.O.S. (ETHYLENEAMINES, DIETHYLENE TRIAMINE), 8,UN2735, PG II

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:
All components of this product are listed on the TSCA Section 8(b) Inventory or are exempt from the inventory.

SARA SECTION 312 HAZARD CATEGORIES:

N-Fire Hazard	N-Pressure Hazard
N-Reactivity Hazard	Y -Acute Health Hazard
Y-Chronic Health Hazard	

SARA SECTION 313 STATUS

Component/Category Name	CAS Number	Weight %
NOT APPLICABLE		

MASSACHUSETTS RIGHT TO KNOW

Component	CAS Number	Weight %
DIETHYLENE TRIAMINE	111-40-0	< 15

PENNSYLVANIA RIGHT TO KNOW

Component	CAS Number	Weight %
DIETHYLENE TRIAMINE	111-40-0	< 15

CANADA RIGHT TO KNOW

Component	CAS Number	Weight %
DIETHYLENE TRIAMINE	111-40-0	< 15

********** SECTION XI, SUPPLEMENTARY INFORMATION **********

ADDITIONAL PRODUCTS COVERED BY THIS MSDS:
B2-204B(53842GQ)HARDENER PARTB
B2-206B (53842GR) HARDENER PART B
B2-208B (53852HA) HARDENER PART B
B2-209B (53842HB) HARDENER PART B
B2-210B (53842HC) HARDENER PART B
KT-B2-206 (53842GR) HARDENER PART B
B2-204(53842GQ)EPOXY HARDENER PART B

B2-208 (53842HA) HARDENER PART B
B2-210 (53842HC) HARDENER PART B
B2-209 (53842HB) HARDENER PART B

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