



MATERIAL SAFETY DATA SHEET

QCM COMPANY No. MF-66 EZ-BOND

930 Central Ave. South

Date 04/23/05

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FOR EMERGENCY SPILL OR LEAK CONTACT CHEMTREC 800-424-9300

SECTION I. MATERIAL IDENTIFICATION

Chemical Name Trade Name

and Synonyms: Aromatic Polyisocyanate and Synonyms: MF-66 EZ Bond

Chemical Family: Aromatic Formula: Trade Secret

SECTION II INGREDIENTS AND HAZARDS

Ingredient: | % | Hazard Data:

Toluene Diisocyanate | | TWA recom. std-air 5 ppb

Dibutyl Phthalate | | TLV-TWA 5 mg/cu.m. (air)

SECTION III PHYSICAL DATA

Boiling point at 1 atm, deg F: 384 deg F.

Specific gravity (H₂O=1): > 1

Vapor pressure at (mm Hg): n/a

Evap. Rate (BuAc=1) < 0.1

Vapor density (Air=1): Heavier than air

Volatiles, % by Volume: < 2%

Water solubility: Some solubility Molecular weight: MIXTURE

Appearance & Odor: Clear liquid and aromatic odor.

SECTION IV FIRE AND EXPLOSION DATA

Flash Point & Method: 356 deg F.

Autoignition Temp.: Not established

Flammability Limits in Air: Not established

Upper:

Lower:

Extinguishing Media: Foam, CO₂ Dry Chemical

Special Fire fighting procedures: Full emergency equipment should be worn. During a fire irritating and/or toxic gases from decomposition w/combustion products may be present.

Unusual fire and explosion hazards:

VOC EMISSIONS: NOT > 0.64 lbs PER GALLON OR 80 gms PER LITRE

SECTION V HEALTH HAZARD INFORMATION | TLV

Effect of Overexposure: Headache, Nausea, Narcosis

FIRST AID:

Eye Contact: Flush with water. Consult a physician for prolonged effects.

Skin Contact: Flush with water. Consult a physician for prolonged effects.

Inhalation: Remove to fresh air. Consult a physician. Give oxygen

Ingestion: Consult physician immediately. Induce vomiting or flush with copious amounts of water or milk.

SECTION VI. REACTIVITY DATA

Stability: stable | X | Conditions to avoid: exposure to air will
unstable| | cross-link and harden the product

Incompatibility:(Materials to avoid) Contact with moisture and other materials which react with isocyanate. Temperatures above 122 deg F.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, nitrous oxides.

Hazardous may occur | | Conditions to avoid: contact with air

Polymerization: may not occur | X |

SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spills, leaks: (Steps to be taken) Remove by suitable inert absorbing material.

Waste Disposal Method: Waste material can be incinerated or disposed of in compliance with local, state and federal requirements.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory protection: (Specify Type) NIOSH respirator approved for organic gases.

Ventilation: |Local exhaust: Recommended _____ |Special: n/a _____ |Mechanical (General) recommended |Other Protective gloves recommended _____ |Eye protection: goggles or safety glasses

Other protective equipment and precautions: Keep containers well sealed at all times because limited shelf life.

SECTION IX. SPECIAL PRECAUTIONS AND COMMENTS

Storage & Handling Information: Keep containers sealed and protect from moisture and foreign materials.

Other Precautions: Keep away from flames and heat. Ideal storage temp. is 50 to 81 deg. F. Non-regulated for air shipment.

FREIGHT CLASS: ISOCYANATE

DOT Class: ORM-E Marine Pollutant

DOT SHIPPING NAME: HAZARDOUS SUBSTANCE, LIQUID NOS

|HAZARD IDENTITY |

|Health _____ | 3 |

|Flammability | 1 |

|Reactivity _____ | 1 |

|Contact _____ | C |

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