

**MATERIAL SAFETY DATA SHEET**

QCM COMPANY  
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No. MF-66 EZ-BOND  
Date 01/19/11  
Prepared by Roy Wheel don

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

**SECTION I. MATERIAL IDENTIFICATION**

Chemical Name and Synonyms: Aromatic Polyisocyanate Trade Name and Synonyms: MF-66 EZ Bond

Chemical Family: Aromatic Formula: Trade Secret

**SECTION II INGREDIENTS AND HAZARDS**

Ingredient:		%	Hazard Data:
Toluene Diisocyanate CAS# 26471-62-5			TWA recm std-air 5 ppb
Phthalate-Free Plasticizer			

**SECTION III PHYSICAL DATA**

Boiling point at 1 atm, deg F: 384 deg F. Specific gravity (H2O=1): > 1  
Vapor pressure at (mm Hg): 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.

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

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SECTION VI. REACTIVITY DATA

Stability: 

stable	X
unstable	

 Conditions to avoid:

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 Polymerization: 

may occur	
may not occur	X

 Conditions to avoid:

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:
Mechanical (General)	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.

SECTION X: OTHER

This product contains Toluene Di-isocyanate, a Chemical that is listed on State of California Proposition 65 as a reportable Chemical, known to cause cancer.

FREIGHT CLASS: ISOCYANATE

DOT Class: ORM-E

DOT SHIPPING NAME: HAZARDOUS

SUBSTANCE, LIQUID NOS

HAZARD IDENTITY	
Health	3
Flammability	1
Reactivity	1
Contact	

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Signed Mgr of Customer & Tech Svc