

Material Safety Data Sheet



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Dalton, GA

Hickory, NC

High Point, NC

Mount Airy, NC

Salt Lake City, UT

PRODUCT IDENTIFICATION

Trade Name: NCFI 70-021 Series

Chemical Name: Mixture

Synonyms: Polyurethane Coating

Chemical Family: Polyurethane

Formula: N/A

Date Prepared: 05/26/09

INGREDIENTS-HAZARD CLASSIFICATION

Name:	CAS NO.	%	PEL & TLV	Vapor Pressure
Xylene	1330-20-7	10 - 20	100 ppm	5.1 mmHg @ 68°F
Ethylbenzene	100-41-4	2 - 10	100 ppm	9.51 mmHg @ 20°C
4,4'-MDI	101-68-8	< 1	.05 mg/m ³	n/a
Polymeric MDI	9016-87-9	< 1	none	n/a

See 'Health Hazard' and 'Special Protection' Sections

1. This product contains the following chemicals which are subject to reporting under Section 313 of Title III: XYLENE
2. All other chemicals in this product are Trade Secrets and are not regulated as hazardous by any state Right-to-Know law.

Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: **PAINT, FLAMMABLE LIQUID**

Hazard Class: **3**

UN/NA: **UN1263**

Packing Group: II

Information reported for product/size: **398LB**

International (Water, I.M.O.)

Proper Shipping Name: **PAINT, FLAMMABLE LIQUID**

Hazard Class: **3**

UN/NA: **UN1263**

Packing Group: II

Information reported for product/size: **398LB**

Regulatory Information

-----\Chemical Inventory Status - Part I\-----

Ingredient TSCA EC Japan Australia

m-Xylene (108-38-3)	Yes	Yes	Yes	Yes
o-Xylene (95-47-6)	Yes	Yes	Yes	Yes
p-Xylene (106-42-3)	Yes	Yes	Yes	Yes
Ethyl Benzene (100-41-4)	Yes	Yes	Yes	Yes

-----\Chemical Inventory Status - Part 2\-----

--Canada--

Ingredient Korea DSL NDSL Phil.

Ingredient	Korea	DSL	NDSL	Phil.
m-Xylene (108-38-3)	Yes	Yes	No	Yes
o-Xylene (95-47-6)	Yes	Yes	No	Yes
p-Xylene (106-42-3)	Yes	Yes	No	Yes
Ethyl Benzene (100-41-4)	Yes	Yes	No	Yes

-----\Federal, State & International Regulations - Part 1\-----

-SARA 302- -----SARA 313-----

Ingredient RQ TPQ List Chemical Catg.

Ingredient	RQ	TPQ	List	Chemical Catg.
m-Xylene (108-38-3)	No	No	Yes	No
o-Xylene (95-47-6)	No	No	Yes	No
p-Xylene (106-42-3)	No	No	Yes	No
Ethyl Benzene (100-41-4)	No	No	Yes	No

-----\Federal, State & International Regulations - Part 2\-----

-RCRA- -TSCA-

Ingredient CERCLA 261.33 8(d)

Ingredient	CERCLA	261.33	8(d)
m-Xylene (108-38-3)	1000	No	No
o-Xylene (95-47-6)	1000	No	No
p-Xylene (106-42-3)	100	No	Yes
Ethyl Benzene (100-41-4)	1000	No	No

Chemical Weapons Convention: No TSCA 12(b): Yes CDTA: No
 SARA 311/312: Acute: Yes Chronic: Yes Fire: Yes Pressure: No
 Reactivity: No (Mixture / Liquid)

WARNING:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Poison Schedule: None allocated.

PHYSICAL DATA

Boiling Point (°F): 281 - 284°F

Evaporation Rate: Slower than Ether

% Volatile by Volume: 31.6

Vapor Density: Heavier than Air

Weight per Gallon: 9.1 – 9.3

FIRE AND EXPLOSION HAZARD DATA

Flash Point (test method): 80°F (CC)

LEL/UEL: 1%/7%

Extinguishing Media: CO₂, Dry Chemical or fog

Special Fire Fighting Procedures: Use supplied air breathing equipment for enclosed areas. Cool exposed containers with water spray.

Unusual Fire and Explosion Hazards: Do not mix with strong oxidants such as liquid chlorine or concentrated oxygen. Empty container may hold explosive vapors.

REACTIVITY DATA

Stability: Stable

Conditions to Avoid: N/A

Polymerization: May occur; contact with moisture or other materials which react with isocyanates form CO₂ and develop pressure.

Incompatibility: Incompatible with strong oxidizers, water, or alcohol.

Hazardous Decomposition Products: When burned; CO, CO₂, and other toxic fumes.

Conditions to Avoid: Open flames, hot surfaces, sparks.

HEALTH HAZARD DATA

Permissible Exposure Limit: 100 ppm TLV for xylene.

Effects of Overexposure: Inhalation – nasal and respiratory irritation, dizziness, fatigue, unconsciousness, asphyxiation. Skin – Possible irritation, dermatitis, and defatting. Ingestion – Can cause gastrointestinal disorders.

Note: Adhesive cures on moist skin in 5 – 10 minutes. Remove immediately with rubbing alcohol. Adhesive cured on skin can be scrubbed off after 24 – 48 hours.

FIRST AID PROCEDURES

Eyes: Flush with water for at least 15 minutes. See a physician if irritation develops.

Skin: Remove affected clothing, flush with water for at least 15 minutes.

Inhalation: Move to fresh air if symptoms develop. If breathing is difficult, give oxygen and call physician.

Ingestion: DO NOT induce vomiting; get medical attention.

SPECIAL PROTECTION INFORMATION

Ventilation: Use adequate ventilation to keep concentration of vapors below exposure limits.

Respiratory Protection: Use NIOSH approved vapor canister or supplied-air respiratory protection in confined spaces that are not ventilated.

Eye Protection: Goggles or chemical safety glasses or face shield.

Gloves: Use protective gloves if needed to avoid skin irritation.

Other: Keep solvent concentration in working atmosphere below TLV.

SPILL OR LEAK PROCEDURES

Small Spill: Remove with absorbent material.

Large Spill: Eliminate all ignition sources. Ventilate enclosed areas or wear self-contained-breathing-apparatus. Recover free liquid in closed containers. Keep out of sewers and water courses. Clean area with absorbent material.

Waste Disposal: Dispose of absorbed material at an approved disposal site or facility according to state and local regulations.

SPECIAL PRECAUTIONS

Store between 45°F and 85°F out of sunlight. Keep container cool and dry. Use and store this product with adequate ventilation. Keep product containers closed tight when not in use.

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