



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** CCW-554

**Product Use:** Interlaminary Primer

**Manufacturer/Supplier**

Carlisle Coatings & Waterproofing Incorporated  
900 Hensley Lane  
Wylie, TX 75098

**Internet Address:** www.Carlisle-CCW.com

**Fax Number:** (972) 442-0076

**Phone Numbers**

**Medical Emergency:**

**CHEMTREC (USA):** (800) 424-9300

**CHEMTREC (International):**

**MSDS Assistance:** (972) 442-6545

**Fax On Demand:** NA

**Technical Assistance:** (888) 229-2199

**Customer Service:** (888) 229-0199

### 2. COMPONENT INFORMATION

Component	CAS No.	Percent	Hazardous in Blend
Xylene	1330-20-7	16-20	Yes
Methyl Ethyl Ketone	78-93-3	18-24	Yes
Ethylbenzene	100-41-4	3-5	Yes
Polymeric MDI	9016-87-9	44-54	Yes
Vinyl Resin VYLF-X	9003-22-9		No
Polyether Polyol	25723-16-4		No
Vinyl Resin VYLF-X	9003-22-9		No

### 3. HAZARDS IDENTIFICATION

**Emergency and Hazards Overview:**

Highly flammable liquid with a solvent odor. Vapors are heavier than air and may travel to distant sources of ignition and flash back. Harmful if swallowed or inhaled. Overexposure to vapors may cause dizziness, headache, central nervous depression and permanent injury. May cause irritation to eyes, skin and respiratory tract. Read and understand all health and safety information on the product label and Material Safety Data Sheet before use.

**Ratings**

**Health** 2 **Flammability** 3 **Reactivity** 1

**Primary Route of Exposure:** Skin x Inhalation x Eye x Ingestion

**Health Effect Information**

**Eye Contact:** May cause eye irritation if wiped or rubbed into eyes.

**Skin Contact:** May cause skin irritation if wiped or left on the skin. Some persons may develop skin sensitization.

**Inhalation:** May cause irritation of nose, throat, and respiratory tract. At very high concentrations, breathing vapors may cause CNS depression, pulmonary edema, anorexia, nausea and vomiting.

**Ingestion:** Ingestion may cause symptoms similar to those of inhalation.

**Medical Conditions Aggravated by Exposure:** Prolonged exposure to solvents may aggravate allergic reactions to nose, throat and lungs. Prolonged skin contact may lead to irritation or dermatitis resulting in itching, redness and rash.

#### 4. FIRST AID INFORMATION

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**Eye Contact:** Flush with water for 15 minutes. Get medical attention.

**Skin Contact:** Wipe off and flush with water for 15 minutes. Wash skin with soap and water. Immediately remove contaminated clothing and wash before reuse. Leather articles, including shoes, cannot be decontaminated and should be destroyed. Get medical attention.

**Inhalation:** Remove to fresh air. If breathing has stopped, start artificial respiration. Oxygen may be administered. Get medical attention.

**Ingestion:** Consult a physician immediately. Do not induce vomiting unless directed to do so by a physician.

**Notes to Physician:** This product contains aromatic and aliphatic hydrocarbon solvents and isocyanates (MDI).

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#### 5. FIRES AND EXPLOSION INFORMATION

**Flammable Properties**

**Flash Point:** 23 °F

**Test Method:** TCC

**Flame extension:** NA

**Test Method:** NA

**Flammable Limits in Air**

**Upper Percent:** 6.6

**Lower Percent:** 1.0

**Auto ignition Temperature:** NA

**Test Method:** NA

**Extinguishing Media:** CO<sub>2</sub>, foam, dry chemical.

**Fire Fighting Measures**

**Special Fire Fighting Procedures and Equipment:** Avoid the use of water. Wear NIOSH/OSHA approved, self-contained breathing apparatus and full protective gear.

**Unusual Fire and Explosion Conditions:** Closed containers may explode when exposed to extreme heat or burst. Containers may be cooled with water.

**Hazardous Combustion By-Products:** fumes, smoke, carbon dioxide, carbon monoxide, HCl, HCN, NO<sub>x</sub>, hydrocarbon fragments.

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#### 6. ACCIDENTAL RELEASE MEASURES

**Personnel Safeguards:** Eliminate any ignition sources and ventilate area. Evacuate non-essential personnel. Clean-up responders should put on required personal protective equipment.

**Regulatory Notifications:**

Spill reporting requirements and reportable quantities vary by region. Consult all applicable state and local regulations. For Canada, observe all precautions noted above.

**Containment and Clean up:** Dike with inert absorbent material. Prevent spill from entering drinking water supplies, sewers, or waterways. Cover spill with inert absorbent material and remove for disposal.

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## 7. HANDLING AND STORAGE INFORMATION

**Handling:** Avoid prolonged contact with skin. Use solvent resistant gloves. Avoid rubbing eyes while handling.

**Storage:** Store in a protected, cool (50°F- 85°F), ventilated, dry, environment away from direct sunlight. Avoid heat, sparks, open flames, electrical equipment, welding torches, pilot lights, etc. Keep containers tightly closed.

### Empty Container Warnings

**Drums:** Do not reuse empty drums or containers. Do not cut, drill, grind, or weld on or near the empty drums.

**Plastic:** NA

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

### Exposure Limits and Guidelines

Component	CAS No.	Exposure Limit
Xylene	1330-20-7	100 ppm ACGIH TWA
Methyl Ethyl Ketone	78-93-3	200 ppm ACGIH TWA
Ethylbenzene	100-41-4	100 ppm ACGIH TWA
Polymeric MDI	9016-87-9	NOT LISTED

### Personal Protective Equipment

**Eye/Face Protection:** Wear safety goggles. Remove contact lenses.

**Skin Protection:** Use protective, solvent resistant rubber gloves.

**Respiratory Protection:** Provide adequate ventilation to maintain vapors below PEL/TWA. If vapor levels are exceeded, use NIOSH approved respirator, both during and immediately after application, until vapor levels are below limits.

**Personal Hygiene:** Avoid rubbing eyes during handling. Use good personal hygiene practices to avoid incidental ingestion.

### Engineering Controls / Work Practices

**Ventilation:** Provide local exhaust or area ventilation to maintain concentration of vapors below PEL/TWA.

**Other:** Source of clean water should be available in the work area for flushing eyes and skin. Wash thoroughly with soap and water after use and before eating.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> amber colored low viscosity liquid	<b>Vapor Pressure:</b> 5.1 mm Hg @ 68°F-Xylene
<b>Odor:</b> typical solvent odor	
<b>Physical state:</b> low viscosity liquid	<b>Vapor Density (air=1):</b> > air
<b>pH:</b> NA	<b>Percent Volatile by Volume:</b> NA
<b>DOT Corrosivity:</b> NA	<b>Volatile Organic Content:</b> 443 g/L
<b>Boiling Point:</b> 175 °F-Methyl Ethyl Ketone	<b>Molecular Weight:</b> NA
<b>Melting Point:</b> NA	<b>Average Carbon Number:</b> NA
<b>Density:</b> 8.28 lbs/gal	
<b>Pour Point:</b> NA	
<b>Solubility in Water:</b> negligible	
<b>Octanol / Water Coefficient:</b> NA	

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## 10. STABILITY AND REACTIVITY INFORMATION

**Chemical Stability:** Stable

**Conditions to Avoid:** Avoid extreme heat, fire and temperature.

**Incompatible Materials to Avoid:** Avoid water, strong acids, strong bases, and strong oxidizers.

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## 11. TOXICOLOGICAL INFORMATION (will only print available data)

**Primary Eye Irritation:** Yes

**Primary Skin Irritation:** Yes

**Acute Dermal Toxicity:** NA

**Sub acute Dermal Toxicity:** NA

**Dermal Sensitization:** Yes

**Inhalation Toxicity:** Yes

**Inhalation Sensitization:** Yes

**Oral Toxicity:** Yes

**Mutagenicity:** NA

**Carcinogenicity:** This material contains a chemical known to the State of California to cause cancer:  
Xylene-contains Ethylbenzenes

**Reproductive Toxicity:** This material contains a chemical known to the State of California to cause birth defects or other reproductive harm: Xylene-contains Ethylbenzene

**Immunotoxicity:** NA

**Neurotoxicity:** NA

**No other toxicological information available**

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**12. ECOLOGICAL INFORMATION**

No data available.

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**13. DISPOSAL INFORMATION**

**Regulatory Information:** Consult all regulations (federal, state, provincial, local etc.) or a qualified waste disposal firm when characterizing waste for disposal.

**Waste Disposal Methods:** Recover free liquid. Absorb residue and dispose of according to local, state and Federal EPA regulation. Empty container: may contain explosive vapors. Do Not cut, puncture or weld on or nearby.

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**14. TRANSPORTATION INFORMATION**

**U.S. Department of Transportation (DOT) – 49 CFR 172.101**

**Highway/Rail:** Class 3, Paint, flammable liquid, UN1263 , PG II

**The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all shipping descriptions.**

**International Information**

**Vessel: IMDG Regulated:** Class 3, Paint, flammable liquid, UN1263 , PG II

**Air: ICAO Regulated:** Class 3, Paint, flammable liquid, UN1263 , PG II

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**15. Regulatory Information**

**U.S. TSCA Inventory:** All components of this material are on the US TSCA Inventory or exempt from listing on the TSCA Inventory.

**Sara Section 313:** This product contains the following Sara, Title III, Section 313 Chemicals:

<u>Chemical</u>	<u>CAS Number</u>	<u>Percent in Product</u>
Xylene	1330-20-7	16-20
Methyl Ethyl Ketone	78-93-3	18-24
Ethylbenzene	100-41-4	3-5
Polymeric MDI	9016-87-9	44-54

**SARA 311 / 312 Categories**

**Acute:**   X   **Chronic:**   X   **Fire:**   X   **Pressure:**          **Reactive:**         

**Regulated:**

**California Proposition 65 Information: Warning!** This product contains Ethylbenzene and is known to the state of California to cause cancer.

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## 16. OTHER INFORMATION

### Health and Environmental Label Language

All ingredients contained in this product are included on the US EPA Toxic Substances Control Act (TSCA) inventory or exempt from listing on the TSCA inventory. All ingredients contained in this product comply with the requirements of the Canadian Environmental Protection Act (CEPA) and are listed on the Domestic Substance List (DSL) or Non-Domestic Substance List (NDSL).

### MSDS Revisions

**Previous Version Date:** 08/19/05

**Prepared By:** R&D Department

**Date:** 07/01/08

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