



Material Safety Data Sheet

Revision Date: 16-Mar-2011

Revision Number: 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name COROTECH XYLENE
Product Code V70300
Product Class PAINT THINNER
Color Clear

Manufacturer Complementary Coatings Corp.
 dba Insl-X
 101 Paragon Drive
 Montvale, NJ 07645
 Phone: (800)-225-5554
 www.insl-x.com

Emergency Telephone Number(s)
 CHEMTREC (US): 800-424-9300
 CHEMTREC (outside US): (703)-527-3887

2. COMPOSITION INFORMATION ON COMPONENTS

Hazardous Components

| Chemical Name | CAS-No | Weight % (max) |
|---------------|-----------|----------------|
| Xylene | 1330-20-7 | 80 |
| Ethyl benzene | 100-41-4 | 25 |

3. HAZARDS IDENTIFICATION

Emergency Overview

DANGER

Vapors may be irritating to eyes, nose, throat, and lungs. May cause skin irritation and/or dermatitis. May be harmful if swallowed. Flammable.

Appearance clear, colorless liquid

Odor mild, aromatic

OSHA Regulatory Status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)..

Potential Health Effects

Principal Routes of Exposure Eye contact, skin contact and inhalation.

Acute Effects**Eyes**

Moderately irritating to the eyes.

Skin

May cause skin irritation and/or dermatitis.

Inhalation

High vapor / aerosol concentrations are irritating to the eyes, nose, throat and lungs and may cause headaches, dizziness, drowsiness, unconsciousness, and other central nervous system effects.

Ingestion

Ingestion may cause irritation to mucous membranes. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

Chronic Effects

Avoid repeated exposure.

See Section 11 for additional Toxicological information.

Aggravated Medical Conditions Skin disorders. Kidney disorders. Asthma and other respiratory disorders. Pre-existing heart disorders.

HMIS **Health:** 2* **Flammability:** 3 **Reactivity:** 0 **PPE:** -

HMIS Legend

0 - Minimal Hazard

1 - Slight Hazard

2 - Moderate Hazard

3 - Serious Hazard

4 - Severe Hazard

* - Chronic Hazard

X - Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

4. FIRST AID MEASURES

General Advice

If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin Contact

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Inhalation

Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. Call a physician immediately.

Ingestion

Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.

Notes To Physician

Treat symptomatically.

Protection Of First-Aiders Use personal protective equipment.

5. FIRE-FIGHTING MEASURES

| | |
|--|---|
| Suitable Extinguishing Media | Foam, dry powder or water. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Protective Equipment And Precautions For Firefighters | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
| Specific Hazards Arising From The Chemical | Flammable. Closed containers may rupture if exposed to fire or extreme heat. Keep product and empty container away from heat and sources of ignition. Thermal decomposition can lead to release of irritating gases and vapors. |
| Sensitivity To Mechanical Impact | No |
| Sensitivity To Static Discharge | Yes |
| Flash Point Data | |
| Flash Point (°F) | 80 |
| Flash Point (°C) | 27 |
| Flash Point Method | PMCC |
| Flammability Limits In Air | |
| Lower Explosion Limit | 1.0 |
| Upper Explosion Limit | 6.6 |

NFPA **Health:** 2 **Flammability:** 3 **Instability:** 0 **Special:** Not Applicable

NFPA Legend

- 0 - Not Hazardous
- 1 - Slightly
- 2 - Moderate
- 3 - High
- 4 - Severe

The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.

Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at www.nfpa.org.

6. ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------------|---|
| Personal Precautions | Use personal protective equipment. Remove all sources of ignition. |
| Environmental Precautions | Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained. |

Methods For Clean-Up Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

Other Information None known

7. HANDLING AND STORAGE

Handling Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear personal protective equipment. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from open flames, hot surfaces and sources of ignition.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep in properly labeled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Hazardous Components

| Chemical Name | ACGIH | OSHA |
|---------------|---------------------------------|--|
| Xylene | 100 ppm - TWA 150 ppm - STEL | 100 ppm - TWA 435 mg/m ³ - TWA |
| Ethyl benzene | 100 ppm - TWA 125 ppm - STEL | 100 ppm - TWA 435 mg/m ³ - TWA |

Legend

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety & Health Administration Exposure Limits

N/E - Not Established

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin Protection

Long sleeved clothing. Protective gloves.

Respiratory Protection

In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic vapors.

Hygiene Measures Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance clear, colorless liquid
Odor mild aromatic
Density (lbs/gal) 7.1 - 7.4

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------------|--------------------------|
| Specific Gravity | 0.85 - 0.89 |
| pH | 7 |
| Viscosity (centistokes) | Not available |
| Solubility | Negligible |
| Evaporation Rate | 0.86 (butyl acetate = 1) |
| Vapor Pressure | 1.1 kPa (@ 20°C) |
| Vapor Density | 4 (air = 1) |
| Wt. % Solids | 0 |
| Vol. % Solids | 0 |
| Wt. % Volatiles | 100 |
| Vol. % Volatiles | 100 |
| VOC Regulatory Limit (g/L) | Not applicable |
| Boiling Point (°F) | 279 |
| Boiling Point (°C) | 137 |
| Freezing Point (°F) | -53 |
| Freezing Point (°C) | -47 |
| Flash Point (°F) | 80 |
| Flash Point (°C) | 27 |
| Flash Point Method | PMCC |
| Upper Explosion Limit | 6.6 |
| Lower Explosion Limit | 1.0 |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Chemical Stability | Stable under normal conditions. Hazardous polymerisation does not occur. |
| Conditions To Avoid | Keep away from open flames, hot surfaces, static electricity and sources of ignition. |
| Incompatible Materials | Strong oxidizing agents. |
| Hazardous Decomposition Products | Thermal decomposition can lead to release of irritating gases and vapors. |
| Possibility Of Hazardous Reactions | None under normal conditions of use. |

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product

Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Component

Xylene

LD50 Oral: 4300 mg/kg (Rat)
 LD50 Dermal: > 1700 mg/kg (Rabbit)
 LC50 Inhalation (Vapor): 5000 ppm (Rat, 4 hr.)
 Sensitization: No sensitizing effects known.

Ethyl benzene

LD50 Oral: 3500 mg/kg (Rat)
 LD50 Dermal: > 5000 mg/kg (Rabbit)
 LC50 Inhalation (Vapor): 55000 mg/m³ (Rat, 2 hr.)
 Sensitization: No sensitizing effects known.

Chronic Toxicity

Carcinogenicity

The information below indicates whether each agency has listed any ingredient as a carcinogen:

| Chemical Name | ACGIH | IARC | NTP | OSHA Carcinogen |
|----------------------|---|--------------------------------|------------|------------------------|
| Ethyl benzene | A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans | 2B - Possible Human Carcinogen | | Listed |

Legend

ACGIH - American Conference of Governmental Industrial Hygienists
 IARC - International Agency for Research on Cancer
 NTP - National Toxicity Program
 OSHA - Occupational Safety & Health Administration

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects

Product

Acute Toxicity to Fish

No information available

Acute Toxicity to Aquatic Invertebrates

No information available

Acute Toxicity to Aquatic Plants

No information available

Component

Acute Toxicity to Fish

Xylene

12. ECOLOGICAL INFORMATION

LC50: 13.5 mg/L (Rainbow Trout - 96 hr.)

Ethyl benzene

LC50: 12.1 mg/L (Fathead Minnow - 96 hr.)

Acute Toxicity to Aquatic Invertebrates

Ethyl benzene

EC50: 1.8 mg/L (Daphnia magna - 48 hr.)

Acute Toxicity to Aquatic Plants

Ethyl benzene

EC50: 4.6 mg/L (Green algae (Scenedesmus subspicatus), 72 hrs.)

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

14. TRANSPORT INFORMATION

DOT

| | |
|-----------------------------|-------------------|
| Proper Shipping Name | Xylenes (Mixture) |
| Hazard Class | 3 |
| UN-No | UN1307 |
| Packing Group | III |

ICAO / IATA

Contact the preparer for further information.

IMDG / IMO

Contact the preparer for further information.

15. REGULATORY INFORMATION

International Inventories

United States TSCA

Yes - All components are listed or exempt.

Canada DSL

Yes - All components are listed or exempt.

Federal Regulations

SARA 311/312 hazardous categorization

| | |
|-----------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | Yes |

| | |
|-----------------------------------|-----|
| Fire Hazard | Yes |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| <u>Chemical Name</u> | <u>CAS-No</u> | <u>Weight % (max)</u> |
|----------------------|---------------|-----------------------|
| Xylene | 1330-20-7 | 80 |
| Ethyl benzene | 100-41-4 | 25 |

This product may contain trace amounts of (other) SARA reportable chemicals. Contact the preparer for further information.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

| <u>Chemical Name</u> | <u>CAS-No</u> | <u>Weight % (max)</u> |
|----------------------|---------------|-----------------------|
| Xylene | 1330-20-7 | 80 |
| Ethyl benzene | 100-41-4 | 25 |

This product may contain trace amounts of (other) HAPs chemicals. Contact the preparer for further information.

State Regulations

California Proposition 65

This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

State Right-to-Know

| Chemical Name | Massachusetts | New Jersey | Pennsylvania | Louisiana | Rhode Island |
|----------------------|----------------------|-------------------|---------------------|------------------|---------------------|
| Xylene | X | X | X | | X |
| Ethyl benzene | X | X | X | | X |

Legend

X - Listed

16. OTHER INFORMATION

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Prepared By Product Stewardship Department
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101 Paragon Drive
Montvale, NJ 07645
Phone: 1-800-225-5554

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Disclaimer

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End of MSDS