



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Eco-Fast II Base Coat Catalyst

Product Use: Base Coat Accelerator

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 Range	Hazardous in Blend
4,4' -(oxydi-2,1-ethanediyl)bis - Morpholine	6425-39-4	20-30	Yes
Odorless Mineral Spirits	64741-65-7, 64742-48-9	70-80	Yes

3. HAZARDS IDENTIFICATION

Emergency and Hazards Overview:

May cause irritation to eyes and skin. May be harmful if swallowed. Read and understand all health and safety information on the product label and Material Safety Data Sheet before use.

Ratings

Health 2 **Flammability** 2 **Reactivity** 0

Primary Route of Exposure: Skin x Inhalation Eye x Ingestion

Health Effect Information

Eye Contact: May cause eye irritation and possible injury to cornea if wiped or rubbed into eyes.

Skin Contact: May cause skin irritation.

Inhalation: Inhalation unlikely. Aerosol can be irritating.

Ingestion: Low toxicity. May cause diarrhea. Aspiration during vomiting may result in severe lung injury.

4. FIRST AID INFORMATION

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

Skin Contact: Wash skin with soap and water. Do not use solvent to clean skin. Immediately remove contaminated clothing and wash before reuse. Leather articles, including shoes, cannot be decontaminated and should be destroyed. Get medical attention if irritation develops or persists.

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

Ingestion: Consult a physician immediately. If person is conscious, give two glasses of water. Do not induce vomiting unless directed to do so by a physician.

5. FIRES AND EXPLOSION INFORMATION

Flammable Properties

Flash Point: > 115 °F

Test Method: Closed cup

Flame extension: NA

Test Method: NA

Flammable Limits in Air

Upper Percent: NA

Lower Percent: NA

Auto ignition Temperature: NA

Test Method: NA

Extinguishing Media: CO₂, 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: ammonia, combustion products of nitrogen, carbon monoxide, carbon dioxide

6. ACCIDENTAL RELEASE MEASURES

Personnel Safeguards: Evacuate non-essential personnel. Clean-up responders should put on required personal protective equipment. Remove all possible sources of ignition.

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.

7. HANDLING AND STORAGE INFORMATION

Handling: Avoid breathing vapors and contact with skin. Use only in well ventilated areas. 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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

Exposure Limits and Guidelines

Component	CAS No.	Exposure Limit
4,4' -(oxydi-2,1-ethanediyl)bis - Morpholine	6425-39-4	None assigned
Odorless Mineral Spirits	64741-65-7, 64742-48-9	None assigned

Personal Protective Equipment

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

Skin Protection: Use protective, solvent resistant rubber gloves.

Respiratory Protection: If material generates fumes when heated, provide adequate explosion-proof ventilation and use NIOSH approved respirator with organic cartridge to minimize exposure.

Personal Hygiene: Avoid rubbing eyes during handling. Use good personal hygiene practices to avoid incidental ingestion. **Wash hands after using. Do not smoke.**

Engineering Controls / Work Practices

Ventilation: Provide adequate explosion-proof local exhaust or area ventilation to control levels of irritating vapors.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless to light yellow	Vapor Pressure:
Odor: mild	
Physical state: liquid	Vapor Density (air=1): NA
pH: alkaline	Percent Volatile by Volume:
DOT Corrosivity:	Volatile Organic Content: 766.1 g/L
Boiling Point: NA	Molecular Weight:
Melting Point:	Average Carbon Number:
Density: 6.84 lbs/gal	Viscosity @ 77 F:
Pour Point:	
Solubility in Water: insoluble	
Octanol / Water Coefficient:	

10. STABILITY AND REACTIVITY INFORMATION

Chemical Stability: Stable

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

Incompatible Materials to Avoid: Avoid strong acids, strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION (will only print available data)

Primary Eye Irritation: Yes

Primary Skin Irritation: Yes

Acute Dermal Toxicity: May cause moderate irritation to skin. May cause dermatitis.

Sub acute Dermal Toxicity: No

Dermal Sensitization: Not determined

Inhalation Toxicity: Chronic abuse of similar materials has been linked to irregular heart rhythms and cardiac arrest.

Inhalation Sensitization: NA

Oral Toxicity: Yes

Mutagenicity: No

Carcinogenicity: No

Reproductive Toxicity: No

Teratogenicity: No

Immunotoxicity: No

Neurotoxicity: CNS depressant. Repeated exposure affects the nervous system.

No other toxicological information available

12. ECOLOGICAL INFORMATION

May cause long term adverse effects in aquatic environment.

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.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT)

UN 1268, Petroleum distillates, n.o.s., Class/ Division 3, Packing Group III

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

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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>

SARA 311 / 312 Categories

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

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: 08/17/06

Prepared By: R&D Department

Date: 07/01/08

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