

TargetCoatings

SAFETY DATA SHEET

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION:

Product Name: EMCAT+ Catalyst
Product Number: EC2B
Identified Uses: Water-Based Resin Catalyst

Manufacturer: Target Coatings, Inc.
101 East Main Street
Little Falls, NJ 07424 USA
www.targetcoatings.com

Manufacturers Phone Number: 1-201-821-0150
1-800-752-9922 (US/Canada)
1-973-860-5318 (Fax)

Date of Preparation: January 1, 2024

SECTION 2: HAZARDOUS IDENTIFICATION

OSHA Status:

None Of The Ingredients In This Product Meet The Definition Of "Hazardous Chemical" Given In The OSHA Hazard Communication Regulation 29CFR 1910.120 (C)

Classification of Substance:

IRRITANT



GHS Hazard Pictogram:

Primary Route of Exposure:

Eyes: Will cause irritation
Skin: Will cause irritation
Inhalation: Will cause irritation
Ingestion: Will cause irritation

SECTION 2: HAZARDOUS IDENTIFICATION - *continued*

Over Exposure Signs/Symptoms:

Eyes:	Watery, redness or irritation
Skin:	Irritation, dryness
Inhalation:	Respiratory tract irritation. Coughing
Ingestion:	Low ingestion hazard

Preventative Measures: **KEEP OUT OF REACH OF CHILDREN**

SECTION 3: COMPOSITION INFORMATION

INGREDIENT	Approx. Wt%	CAS#
3-(Trimethoxysilyl) Propylglycidyl Ether compound	>99 min.	2530-83-8

SECTION 4: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES

INGESTION: Do Not Induce Vomiting. Administer large amounts of milk or water and seek immediate medical attention.

INHALATION: Remove to fresh air and consult with a physician if symptoms persist.

SKIN CONTACT: Promptly wash area with soap and water, and rinse thoroughly. Remove contaminated clothing.

EYE CONTACT: Promptly flush eyes with large amounts of fresh water for at least 15 minutes. Contact a physician immediately.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	Greater than 200 F
AUTOIGNITION TEMPERATURE:	N/A
EXTINGUISHING MEDIA:	Water mist, Foam, CO2, dry chemical.
FLAMMABLE LIMITS:	LOWER: Not Applicable UPPER: Not Applicable
SPECIAL FIREFIGHTING PROCEDURES:	Toxic gasses may be released. Use self-contained breathing apparatus.
UNUSUAL FIRE HAZARDOUS:	None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid breathing spray mists or sanding dust. Soak up with inert absorbent materials and transfer to a suitable container for disposal.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Halt spill at source and contain or dike spill with inert absorbent material. Transfer liquid to containers for recovery or disposal. Shovel absorbent into drums for disposal in accordance with local, state, and federal regulations.

RECOMMENDED WASTE DISPOSAL METHODS: Material should not be flushed into storm sewer system. If this material becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor listed in Subpart D. After the material has been collected, dispose of in accordance with regulations applicable to non-hazardous liquid wastes.

SECTION 7: HANDLING and STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: store at 40F-90F. This product is safe for consumer resale. Keep from freezing. Keep away from Fire and Heat (Any ignition source). Keep containers closed when not in use. Provide adequate ventilation.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:

An approved P100 organic-vapor respirator is advised for poor ventilation or spray applications.

VENTILATION:	Mild air-flow recommended
LOCAL EXHAUST:	Recommended
MECHANICAL (GENERAL):	Provide adequate ventilation.

PROTECTIVE GLOVES:	Wear rubber gloves.
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EYE PROTECTION:	Wear approved safety glasses with side shields.
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OTHER PROTECTIVE EQUIPMENT:	Wear protective work clothes
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SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear liquid
Odor:	Mild acidic odor
Vapor Pressure:	Heavier than air
pH:	6.5 – 7.5
Density:	8.4 lbs./Gal.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES continued

Viscosity:	20+ Sec Zahns #2 Cup
VOC Content / Actual (Less H2O)	0
VOC Content / Regulatory (w/H2O)	0
Melting/Freezing Point:	NA / NA
Solubility in Water:	Insoluble (Hyrdolyze w/H2O)
Boiling Point:	212°F
Flash Point:	Above 201°F
Evaporation Rate:	< 1 (Butyl Acetate = 1.0)
Upper Flammability Rate:	Undetermined
Lower Flammability Rate:	Undetermined
Auto-Ignition Temperature:	Undetermined
Decomposition temperature:	Undetermined

SECTION 10: STABILITY and REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Materials to Avoid:	Strong oxidizing agents. Water, acids, alkalis.
Hazardous Decomposition Products:	This product reacts with water, acids and alkalis.
Hazardous polymerization:	None known.

SECTION 11: TOXICOLOGICAL PROPERTIES

Threshold Limit Value:	No limit determined.
Effects of Acute Exposure:	
Ingestion:	Expected to be a low ingestion hazard.
Inhalation:	Prolonged exposure may produce. Headaches, and mucous membrane irritation.
Skin Contact:	Direct contact will cause irritation.
Eye Contact:	Direct contact will cause irritation.
Effects of Chronic Exposure:	None determined.

SECTION 12: ECOLOGICAL INFORMATION

No data available at this time.

SECTION 13: DISPOSAL CONSIDERATIONS

RECOMMENDED WASTE DISPOSAL METHODS: Material should not be flushed into storm sewer system. If this material becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor listed in Subpart D. After the material has been collected, dispose of in accordance with regulations applicable to non-hazardous liquid wastes.

SECTION 14: TRANSPORTATION INFORMATION CONSIDERSTIONS

DOT: NOT REGULATED

SECTION 15: REGULATORY INFORMATION

Massachusetts: Methanol (Trace): CAS# 67-56-1
New Jersey RTK: Methanol (Trace): CAS# 67-56-1
Pennsylvania RTK: Methanol (Trace): CAS# 67-56-1

California Prop. 65: Warning: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm:
Methanol (Trace): CAS# 67-56-1

SECTION 16: OTHER INFORMATION

HMIS HAZARD RATING:

Health:	1
Flammability:	1
Reactivity:	1
Personal Protection:	G

USER'S RESPONSIBILITY

Target Coatings cannot anticipate all conditions of handling and use of this product. Therefore, **Target Coatings** accepts no responsibility for results obtained by application of this information, or safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. **Target Coatings** will accept no liability for damages or loss incurred from the improper handling and use of this product.

PREPARATION INFORMATION

This Material Safety Data Sheet was prepared by:
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