

Dear Valued Customer:

Attached, please find the Material Safety Data Sheet (MSDS) for the requested products. We have reviewed our products with our suppliers, conducted a hazard determination, and prepared this MSDS in compliance with the requirements of the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200 and Canada's Workplace Hazardous Materials Information System (WHMIS). This MSDS also provides information on any toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

If this product, or any component of it is considered to be hazardous or carcinogenic under the OSHA Hazard Communication Standard or the WHMIS regulations, information is provided in this MSDS.

If you have any questions, please contact your Sales Representative.

Sincerely yours,

ENCORE COATINGS



# MATERIAL SAFETY DATA SHEET

Identity: KNOCKOUT<sup>™</sup> Water-based  
rust converter and primer.

Revision Date: Sept 2014

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## Section I – Company Information

Provider's Name: Encore Coatings  
Address: 68 Center Road  
City, State, Zip: Cartersville, GA 30121  
Emergency Phone: 888-776-2242

## Section II – Composition/Information on Ingredients

Material Type	Case Number	Other Limits	% Optimal	OSHA PEL
Acrylic Emulsion Trade Secret	N/A	N/A	94%	Not est.
Trihydroxylbenzoic acid	N/A	N/A	.005- 0060%%	Not est.
Propanediol	N/A	N/A	3-6%	Not est.

## Section III – Physical/Chemical Characteristics of Wet Component

Boiling Point: 100° C/212°F  
Vapor Pressure (mm Hg): N/A  
Melting Point: N/A  
Vapor Density: <1  
Solidity in Water: Dilutable

Specific Gravity: 1.19  
pH: 4.0  
Appearance and Odor: Milky with mild odor  
Evaporation Rate: (Butyl Acetate =1)  
Solids (% by weight): Approx. 60.0

## Section IV – Fire and Explosion Hazard Data

Flash Point: None  
Extinguishing Media: Water spray, carbon dioxide, dry chemical or all purpose type foam.  
Special Fire Fighting Procedures: Breathing apparatus when fighting fires in enclosed area.  
Unusual Fire & Explosion Hazards: Product will not burn in the liquid form but may spatter if the temperature exceeds the boiling point of water. Dried solids of the neat wet component can burn, giving off oxides of carbon and nitrogen. Dried solids of the combined wet and dry components will resist the tendency to burn.

## Section V – Health Hazard Data

**HMIS Rating: Health – 0 Flammability – 0 Reactivity -- 0**

Potential Health Effects by Routes of Entry:  
Eye: No irritation hazard in normal industry use  
Skin: No irritation in normal industry use  
Inhalation: Can cause minor respiratory irritation. Avoid breathing vapors or mist

## Section VI – Stability and Reactivity

Stability: Stable under normal conditions.

**KNOCKOUT Water-based Rust converter and primer MSDS (cont'd.)**

**(Section VI – Stability and Reactivity, cont'd.)**

Chemical Incompatibility:	Not established
Hazardous Polymerization:	Will not occur
Hazardous decomposition products:	Carbon monoxide, carbon dioxide

Ingestion: Ingestion is not an anticipated route of exposure. No hazard in normal industrial use.  
Carcinogenicity: None known.

Signs and symptoms of exposure:

Inhalation – headaches, nausea, and irritation of the nose, throat and lungs	Skin – Irritation and redness
Ingestion – Nausea and stomach cramps	Eye – Irritation

**Long-Term (Chronic) Health Effects**

Targeted Organ(s): No organs known to be damaged from exposure to this product

Regulated Carcinogen Status:

Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.

**First Aid Measures:**

IF IN EYES: Use an eye wash immediately to remove from your eye regardless of the level of hazard. Seek medical attention if necessary.

IF ON SKIN: Wash with soap and water.

IF VAPORS INHALED: Remove to fresh air. Call a physician if conditions persist.

IF SWALLOWED: Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

**Section VII – Control Measures**

Respiratory Protection  
Dust or mist mask (OSHA Approved)

Eye Protection  
Splash goggles and available eye bath

Other Protective Clothing/Gear  
None

Work/Hygiene Practices  
Wash thoroughly after handling

Ventilation  
Use only in a well ventilated area according  
To local and mechanical recommendations

Protective gloves  
Use gloves impervious to water and soap

**Section VIII – Precautions for Safe Handling**

Steps to be taken in case material is released or spilled

Spills :

Area will be slippery. Take precautions, collect material with absorbent such as sand or rags and dry for proper disposal.

Waste Disposal Method

Incinerate or solidify and bury in a suitable landfill where permitted under Federal, State, Local, or provincial laws.

Precautions to be taken in Handling and Storing

Avoid breathing vapors. Keep container closed. Use only with adequate ventilation. Do not stack plastic or gallon containers more than three high.

Other precautions

Keep from freezing as material may coagulate, effecting performance.

**KNOCKOUT Water-based Rust converter and primer MSDS (cont'd.)**

**Section IX – Disposal Considerations**

To the best of our knowledge, this product does not meet the definitions of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local, or provincial authorities for more restrictive requirements.

**Section X – Transportation Information**

Consult Bill of Lading for transportation information

DOT: Not regulated

IATA: Not regulated

**Section XI – Regulatory Information**

**Inventory Status**

US EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

Canadian CEPA DSL: The components of this product are included on the DSL or are exempt from DSL reqm'ts.

European EINECS: All substances contained in this product meet the reqm'ts. of the REACH regulation implemented in the European Union.

Australia AICS: This product is in compliance with the Australian Inventory of Chemical Substances Requirements.

Japan ENCS: This product is in compliance with the Japanese Existing and New Chemical Substances Requirement.

Korean TCCL: This product is in compliance with the Korean Existing Chemicals List requirements.

Philippines: This product is in compliance with the Philippine Inventory of Chemicals and Chemical Substances requirements.

**Federal Reporting**

EPA SARA Title III Section 313

Unless listed below, this product does not contain toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

Chemical Name	CAS#	%
Glycol ethers	9036-19-5	1-5

WHMIS Status: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System

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**Section XI – Additional Information**

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

**KNOCKOUT Water-based Rust converter and primer MSDS (cont'd.)**

**Section XI – Regulatory Information (cont'd.)**

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to Encore Coatings, LLC from its suppliers, and because Encore Coatings, LLC has no control over the conditions of handling and use, Encore Coatings, LLC makes no warranty, express or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Encore Coatings, LLC assumes no responsibility for use or reliance thereon. It is the responsibility of the user of Encore Coatings, LLC products to comply with all applicable federal, state, local, or provincial laws and regulations.

END OF MSDS