



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CCW-714

Synonyms: Water-Based Primer

Manufacturer/Supplier

Carlisle Coatings & Waterproofing Incorporated
8810 West 100th Street South, P.O. Box 1600
Sapulpa, OK 74067-1600

Internet Address: www.Carlisle-CCW.com

Fax Number: (918) 227-0603

Phone Numbers

Medical Emergency:

CHEMTREC(USA): (800) 424-9300

CHEMTREC(International)::

MSDS Assistance: (918) 227-5435

Fax On Demand: NA

Technical Assistance: (918) 227-5435

Customer Service: (918) 227-4533

2. COMPONENT INFORMATION

Component	CAS No.	Percent Range	Hazardous in Blend
Ethylene Glycol	107-21-1	6 – 8	
Hexahydro-1,3,5-triethyl-s-triazine	7779-27-3	<0.2	

This product is hazardous according OSHA 29 CFR 1910.1200.

Hazards:

Flammable/Combustible No Acute No Chronic No Carcinogen No
Toxin Toxin
Pressure No Reactive No Exposure Limit Target Organ Other

3. HAZARDS IDENTIFICATION

Emergency and Hazards Overview:

May cause moderate irritation to eyes. 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 1 Flammability 0 Reactivity 0

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

Health Effect Information

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

Skin Contact: May cause mild skin irritation on prolonged or repeated contact.

Inhalation: Vapor and mist may cause respiratory irritation, dizziness and/or nausea, tightness of chest, shortness of breath, headache. Ethylene glycol is very toxic in particular form upon inhalation.

Ingestion: Ingestion of large quantity may cause initial central nervous system stimulation, followed by depression.

Medical Conditions Aggravated by Exposure: Prolonged exposure to vapors could aggravate preexisting disorders in lungs, kidney and liver.

4. FIRST AID INFORMATION

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

Skin Contact: Wipe off and wash skin with soap and water. Promptly remove contaminated clothing and wash before reuse.

Inhalation: Remove to fresh air. If breathing has stopped, start artificial respiration. Oxygen may be administered. Consult physician immediately

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

Notes to Physician: This product contains ethylene glycol, Hexahydro-1,3,5-triethyl-s-triazine.

5. FIRE AND EXPLOSION INFORMATION

Flammable Properties

Flash Point: 232°F

Test Method: TCC

Flame extension: NA

Test Method: NA

Flammable Limits in Air

Upper Percent: NA

Lower Percent: NA

Autoignition Temperature: 752°F

Test Method: NA

NFPA Classification: H 1 F 0 R 0

Extinguishing Media: CO₂, foam, dry chemical or water spray.

Fire Fighting Measures

Special Fire Fighting Procedures and Equipment: Firemen must wear full-face air-supplied masks and full protective clothing.

Unusual Fire and Explosion Conditions: None known.

Hazardous Combustion By-Products: CO, CO₂, unburned hydrocarbons. Emits acrid fumes.

6. ACCIDENTAL RELEASE MEASURES

Personnel Safeguards: Evacuate non-essential personnel to safe areas. Clean-up responders should wear proper protective clothing and gloves before entering the affected area.

Regulatory Notifications: Certain component of this product is defined as hazardous according to U.S. EPA. 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: Prevent Product from entering drinking water supplies or streams. Observe above precautions, collect liquid with inert, noncombustible material and

remove for disposal.

7. HANDLING AND STORAGE INFORMATION

Handling: Avoid prolonged contact with skin. Use protective gloves. Avoid rubbing eyes while handling.

Storage: Store in dry, cool environment. Keep containers closed when not in use.

Empty Container Warnings

Drums: Drums may be reused after wash.

Plastic: Plastic containers may be reused after wash.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

Exposure Limits and Guidelines

Component	CAS No.	Exposure Limit
Ethylene Glycol	107-21-1	50 ppm PEL/Ceiling
Hexahydro-1,3,5-triethyl-s-triazine	7779-27-3	0.75 ppm OSHA TWA

Personal Protective Equipment

Eye/Face Protection: Wear safety goggles. Contact lenses should not be worn.

Skin Protection: Use protective 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale blue liquid	Vapor Pressure: 17 mm Hg @ 20°C
Odor: typical latex odor	
Physical state: liquid	Vapor Density (air=1): <air
pH: Slight basic	Percent Volatile by Volume: 60 - 70
DOT Corrosivity: NA	Volatile Organic Content: 200g/liter
Boiling Point: 214 to 215°F	Molecular Weight: NA
Melting Point: NA	Average Carbon Number: NA
Specific Gravity: 1	Viscosity @ 100 F: NA
Pour Point: NA	Viscosity @ 40 C: NA
Solubility in Water: Miscible with water	
Octanol / Water Coefficient: Log K_{ow} = NA	

10. STABILITY AND REACTIVITY INFORMATION

Chemical Stability: Stable.

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

Incompatible Materials to Avoid: Avoid strong acids, strong oxidizers.

11. TOXICOLOGICAL INFORMATION (will only print available data)

Primary Eye Irritation: Irritating

Primary Skin Irritation: NA

Acute Dermal Toxicity: Product toxicity has not been determined. Following are component data:

LD₅₀

Hexahydro-1,3,5-triethyl-s-triazine:

Rabbit 499 mg/kg

Subacute Dermal Toxicity: NA

Dermal Sensitization: NA

Inhalation Toxicity: Product toxicity has not been determined. Following are component data:

LC₅₀

Hexahydro-1,3,5-triethyl-s-triazine:

Rat 254 mg/m³ (4 hour exposure)

Inhalation Sensitization: NA

Oral Toxicity: Product toxicity has not been determined. Following are component data:

LD₅₀

Ethylene Glycol:

Rat 4,000 mg/kg

Hexahydro-1,3,5-triethyl-s-triazine:

Rat 280 mg/kg

Mutagenicity:

Carcinogenicity:

Reproductive Toxicity: Product toxicity has not been determined. Following are component data:

Ethylene Glycol:

Pregnant Rat 1.25g/kg and above: increased malformed fetus

Pregnant Mice 750 mg/kg and above: increased malformed fetus

Teratogenicity: NA

Immunotoxicity: NA

Neurotoxicity: NA

Other:

No other toxicological information available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Not known

Terrestrial Toxicity: Not known

Chemical Fate and Transport: Not known

No other ecological information available.

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: Dispose of waste in accordance with local, state and federal EPA regulation.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT)

Highway / Rail (Bulk): Not flammable, other regulated substances, liquid (contains ethylene glycol)

Highway / Rail (Non-Bulk): Not flammable, other regulated substances, liquid (contains ethylene glycol)

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: Not classified **IMDG Not**

Air: ICAO Regulated: Not classified **ICAO Not**

Other: No other information available.

15. Regulatory Information

Regulatory Lists

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:

Chemical	CAS Number	Percent in Product
Ethylene Glycol	107-21-1	6 - 8

IARC Group 3:

Regulatory Lists Searched

Health & Safety: NA
Environmental: NA
International: NA
State: FL, CA, MA, MN, PA, RI
National Inventories: NA

SARA 311 / 312 Categories

Acute: Yes **Chronic:** Yes **Fire:** No **Pressure:** Yes **Reactive:** No

Not Regulated:

California Proposition 65 Information: Warning! None in the list

Canadian WHMIS Classification

Class: Not applicable

Division: Not applicable

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations (CPR). This MSDS contains all the information required by the CPR.

European Union Classification

Hazard Symbol:



Harmful

Risk Phrases: R20, R22

Safety Phrases: S2, S3

Other Regulations: No other information available.

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: 11/15/99

Section

Old Information: 8-part version

New Information: 16-part version

Prepared By: Paul Cheng **Date:** 10/30/00

Disclaimer of Warranty: The information contained herein is based upon data and information available to us, and reflects our best professional judgement. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, Pennzoil Products company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.