



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CCW-599 Accelerator

Product Use: Accelerator for Base, Intermediate and Topcoat

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
Dibutyltin Dilaurate	77-58-7		No
Aromatic hydrocarbon solvent	64742-94-5	40-50	Yes
Naphthalene	91-20-3	4-6	Yes

This product is hazardous according OSHA 29 CFR

1910.1200. Hazards: Flammable/Combustible X

Acute Toxin X Chronic Toxin X Carcinogen X

Pressure X Reactive Exposure Limit Target Organ

Other

3. HAZARDS IDENTIFICATION

Emergency and Hazards Overview:

Combustible clear liquid with a solvent odor. Vapors are heavier than air and may travel to distance sources of ignition and flash back. Harmful if swallowed or inhaled.

Overexposure to vapors may cause dizziness, headache, central nervous depression and permanent injury. The product contains small amounts of isocyanate, which can cause allergic reaction and irritation of nose, throat and lungs.

Ratings

Health 2 Flammability 2 Reactivity 1

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 skin irritation if wiped or left on the skin.

Inhalation: May cause irritation of respiratory tract, which may result in sinusitis, bronchitis, or asthma.

Breathing vapors may cause central nervous system depression.

Ingestion: Moderately toxic. Ingestion may cause symptoms similar to those of inhalation.

Medical Conditions Aggravated by Exposure: Prolonged exposure to solvents may aggravate allergic reactions to nose, throat and lungs.

4. FIRST AID INFORMATION

Eye Contact: Immediately flush with plenty of water for at least 15 minutes.

Skin Contact: Dry skin with paper towel or similar. Wash skin thoroughly with soap and water. Immediately remove contaminated clothing. Wash clothing before use.

Inhalation: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Get medical attention.

Ingestion: If swallowed contact a physician immediately. Do not induce vomiting. Decision to induce Vomiting should only be made by a physician. Never give anything by mouth to an unconscious person.

Notes to Physician: This product contains aromatic hydrocarbon solvent and Naphthalene.

5. FIRE AND EXPLOSION INFORMATION

Flammable Properties

Flash Point: 142 F (61.1 C)

Test Method: TCC

Flame extension: NA

Test Method: NA

Flammable Limits in Air

Upper Percent: 6.0

Lower Percent: 1.0

Autoignition Temperature:

Test Method: NA

NA

NFPA Classification: H 2 F 2 R 1

Extinguishing Media: CO₂, foam or dry chemicals.

Fire Fighting Measures

Special Fire Fighting Procedures and Equipment: Use water spray only to cool containers. Do not put water on leaked material. Wear NIOSH/OSHA approved, self-contained breathing apparatus and full protective gear.

Unusual Fire and Explosion Conditions: Vapors may be ignited by heat or sparks. Heat-exposed

containers may burst. Material may collect static charges which can cause an incendiary electrical discharge. Empty container contains product residues. Do not pressurize, cut, weld, drill, grind or expose containers to heat flame, sparks, static electricity or other sources of ignition. They may explode and cause injury or death.

Hazardous Combustion By-Products: CO, CO₂, various hydrocarbons

6. ACCIDENTAL RELEASE MEASURES

Personnel Safeguards: Immediately evacuate all non-essential personnel to safe places. Emergency responders should wear proper protective gears before entering the affected area. Observe all precautions noted above.

Regulatory Notifications: Waste 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: Remove all sources of ignition. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Do not use metal shovels or other tools which could create sparks. Prevent liquids from entering sewers, drains or waterways by diking with sand or earth. Absorb with vermiculite or other absorbent material, then flush area with water. Put in open drums. Treat with water containing 1% ammonia.

7. HANDLING AND STORAGE INFORMATION

Handling: Eliminate all ignition sources. Provide good ventilation. Caution to be taken if the applied product is

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likely to be ground or sanded as this may generate hazardous dusts. Avoid prolonged contact with the skin. Use solvent resistant gloves. Avoid rubbing eyes while handling.

Storage: Store in cool, dry, ventilated space away from direct sunlight. Keep away from heat, sparks, open flames, electrical equipment, welding torches, pilot lights, etc. Store at 10 - 30°C.

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:** Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION Exposure Limits and

Guidelines

Component	CAS No.	Exposure Limit
Dibutyltin Dilaurate	77-58-7	0.1 mg/m ³ OSHA TWA, 0.2 mg/m ³ OSHA STEL, 0.1 mg/m ³ ACGIH TWA, 0.2 mg/m ³ ACGIH STEL
Aromatic hydrocarbon solvent	64742-94-5	300ppm ACGIH TWA
Naphthalene	91-20-3	10 ppm OSHA PEL, 10 ppm ACGIH TLV

Personal Protective Equipment Eye/Face Protection: Wear safety goggles.

Skin Protection: Use solvent resistant gloves.

Respiratory Protection: When using spray application, use SCBA (Self-contained breathing apparatus). During and after application use CCR (Chemical cartridge respirator). **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 TLV. Use explosion proof ventilation equipment. Take care not to draw vapors into non-explosion proof or spark generating equipment.

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, smoking and using toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES
10. STABILITY AND REACTIVITY INFORMATION

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Avoid contact with strong oxidizing materials and bases.

Incompatible Materials to Avoid: Strong oxidizers. Alkali metals. Reaction with peroxide may results in

Appearance: Clear liquid	Vapor Pressure: < 5.0 mm Hg @ 100°F
Odor: Typical solvent odor	

Physical state: low viscosity liquid	Vapor Density (air=1): > air
pH: Not applicable	Percent Volatile by Volume: 45-55
DOT Corrosivity: Not applicable	Volatile Organic Content: 490 g/liter
Boiling Point: 350 to 380°F @ 760 mmHg	Molecular Weight: NA
Melting Point: NA	Average Carbon Number: NA
Specific Gravity: 0.974	Viscosity @ 100 F: NA
Pour Point: NA	Viscosity @ 40 C: NA
Solubility in Water: Negligible	
Octanol / Water Coefficient: Log K _{ow} = NA	

violent decomposition of peroxide possibly creating an explosion.

11. TOXICOLOGICAL INFORMATION (will only print available data) Primary

Eye Irritation: Irritating **Primary Skin Irritation:** Irritating **Acute Dermal Toxicity:**

NA **Subacute Dermal Toxicity:** NA **Dermal Sensitization:** NA **Inhalation Toxicity:**

NA **Inhalation Sensitization:** NA **Oral Toxicity:** Mutagenicity: NA **Carcinogenicity:**

Abnormality noted at necropsy of animals treated with 2000 mg/ kg of dibutyltin dilaurate were hemorrhagic lungs, dark liver, dark kidneys, hemorrhage of gastric mucosa, hemorrhage of the large and small intestines, enlarged bile duct and behavioral and central nervous system effects. Decreased fertility was seen in hens following dietary administration equal to 78 mg/kg.

Reproductive Toxicity: NA **Teratogenicity:** NA **Immunotoxicity:** NA **Neurotoxicity:** NA **Other:** NA 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.

2. 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: Mix the chemical with an inert material such as sand, vermiculite, etc. and place in a suitable container. Dispose of in accordance with Local Authority requirements.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT) Highway / Rail (Bulk): Combustible liquid, UN1263

Highway / Rail (Non-Bulk): PGIII (contains aromatic hydrocarbon solvent), UN1263

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: Class 3.3 IMDG Not Regulated

Air: ICAO Regulated: Class 3 ICAO Not Regulated Other: No other information available.

15. Regulatory Information Regulatory Lists

U.S. TSCA Inventory:

CERCLA RQ – 40 CFR 302.4 (a)

Component	RQ (lbs)
Naphthalene	100

Sara Section 313: This product contains the following Sara, Title III, Section 313 Chemicals:

Chemical	CAS Number	Percent in Product
Naphthalene	91-20-3	4-6

Regulatory Lists Searched

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

SARA 311 / 312 Categories Acute: Yes **Chronic:** Yes **Fire:** Yes **Pressure:** Yes
Reactive: No **Not Regulated:**

California Proposition 65 Information: Warning! This product contains toluene, a substance known to the State of California to cause reproductive harm.

Canadian WHMIS Classification

Class: B
Division: 3

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:



Flammable



Harmful

Risk Phrases: R10, R20, R22 **Safety Phrases:** S9, S16, S36, S51 **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: 08/19/05

Prepared By: R&D Department **Date:** 07/01/08

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