

Wearcoat 720 / Wearcoat 735 Part A

1	PRODUCT AND COMPANY IDENTIFICATION
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Product Identifier: Wearcoat 720 / Wearcoat 735 Part A
Common Name: Polyalcohol Emulsion
SDS Number: I203
Revision Date: 3/16/2021
Version: 1
Product Use: Polyurethane Polymer Concrete

Supplier Details: Coatings for Industry, Inc.
 319 township Line Rd.
 Souderton, PA 18964

Phone: 215-723-0919
Fax: 215-723-0911
Email: info@cficoatings.com
Internet: www.cficoatings.com
Emergency: Infotrac: USA: 1-800-535-5053 / International :352-323-3500

2	HAZARDS IDENTIFICATION
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Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
 None, None, None

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **NONE**

GHS Hazard Pictograms:

No GHS pictograms indicated for this product

GHS Hazard Statements:

H000 - None

GHS Precautionary Statements:

P264 - Wash hands thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P501 - Dispose of contents/container to in accordance with existing federal, state, and local environmental control laws.

3	COMPOSITION/INFORMATION ON INGREDIENTS
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	CAS#	Chemical Ingredients: % Chemical Name:
	0	>97% Polyalcohol Emulsion (CBI)*
	64742-95-6	1-3% Aromatic hydrocarbon

* Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4	FIRST AID MEASURES
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Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Wash with soap and water. Get medical attention if irritation develops and persists.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.
 Then remove contact lenses, if easily removeable, and continue irrigation for not less than 15 minutes.
 Get medical attention if irritation develops and persists.

Ingestion: If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.
 Get prompt, qualified medical attention.

Suitable extinguishing media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions: Move containers from fire area if you can do so without risk.

Specific methods: Move containers from fire area if you can do so without risk.

General fire hazards: No unusual fire or explosion hazards noted.

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up: Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, area can be washed with soap and water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly with soap and water to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions: Avoid discharge into drains, water courses or onto the ground.

Handling Precautions: Observe good industrial hygiene practices.
Avoid contact with eyes, skin, or clothing.

Storage Requirements: Store in original tightly closed container.

Engineering Controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates controls should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment: Eye/face protection: If contact is likely, safety glasses with side shields are recommended.

Skin protection: For prolonged or repeated skin contact use suitable protective gloves and other suitable protective clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Any component which is listed in section 3 and is not listed in this section does not have a known ACGIH TLV, OSHA PEL or supplier recommended occupational exposure limit.

Aromatic hydrocarbon (64742-95-6)

TWA 500 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1 Limits for Air Contaminants

2,000 mg/m³

TWA 200 mg/m³ (total hydrocarbon vapor) USA. ACGIH Threshold Limit Values (TLV)

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	White	Odor:	Mild
Physical State:	Liquid	Flash Point:	230.0 °F (110.0 °C) estimated
Specific Gravity or Density:	1.01		

10	STABILITY AND REACTIVITY
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Reactivity:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Avoid temperatures exceeding the flash point.
Materials to Avoid:	No specific data.
Hazardous Decomposition:	Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide.
Hazardous Polymerization:	Will not occur.

11	TOXICOLOGICAL INFORMATION
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Polyalcohol Emulsion (CBI)

Information on likely routes of exposure:

Ingestion: Expected to be a low ingestion hazard.

Inhalation: Prolonged inhalation may be harmful.

Skin contact: No adverse effects due to skin contact are expected.

Eye contact: Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics:

Direct contact with eyes may cause temporary irritation.

Information on toxicological effects:

Acute toxicity Not available.

Skin corrosion/irritation: Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation: Direct contact with eyes may cause temporary irritation.

Respiratory sensitization: Not available.

Skin sensitization: This product is not expected to cause skin sensitization.

Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity single exposure: Not classified.
Specific target organ toxicity repeated exposure: Not classified.
Aspiration hazard: Not available.
Chronic effects: Prolonged inhalation may be harmful.

Aromatic hydrocarbon (64742-95-6)

Inhalation:

Acute Toxicity: (Rat) 4 hour(s) LC50 > 6193 mg/m³ (Max attainable vapor conc.)
Minimally Toxic. Based on test data for the material. Test(s) equivalent or similar to OECD Guideline 403
Irritation: No end point data for material.
May be irritating to the respiratory tract. The effects are reversible. Based on assessment of the components.

Ingestion

Acute Toxicity (Rat): LD50 3492 mg/kg
Minimally Toxic. Based on test data for the material. Test(s) equivalent or similar to OECD Guideline 401

Skin

Acute Toxicity (Rabbit): LD50 > 3160 mg/kg
Minimally Toxic. Based on test data for the material. Test(s) equivalent or similar to OECD Guideline 402
Skin Corrosion/Irritation: Data available.
Mildly irritating to skin with prolonged exposure. Based on test data for the material. Test(s) equivalent or similar to OECD Guideline 404

Eye

Serious Eye Damage/Irritation: Data available.
May cause mild, short-lasting discomfort to eyes. Based on test data for the material. Test(s) equivalent or similar to OECD Guideline 405

Sensitization

Respiratory Sensitization: No end point data for material.
Not expected to be a respiratory sensitizer.
Skin Sensitization: Data available.
Not expected to be a skin sensitizer. Based on test data for the material. Test(s) equivalent or similar to OECD Guideline 406

Aspiration: Data available.

May be fatal if swallowed and enters airways. Based on physico-chemical properties of the material.

Germ Cell Mutagenicity: Data available. Not expected to be a germ cell mutagen. Based on test data for the material. Test(s) equivalent or similar to OECD Guideline 471 475 476 479

Carcinogenicity: No end point data for material. Caused cancer in laboratory animals, but the relevance to humans is uncertain. Based on assessment of the components.

Reproductive Toxicity: Data available. Not expected to be a reproductive toxicant. Based on test data for the material. Test(s) equivalent or similar to OECD Guideline 414 416

Lactation: No end point data for material. Not expected to cause harm to breast-fed children.

Specific Target Organ Toxicity (STOT)

Single Exposure: No end point data for material.
May cause drowsiness or dizziness. May be irritating to the respiratory tract. Based on assessment of the components.
Repeated Exposure: Data available.
Not expected to cause organ damage from prolonged or repeated exposure. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 408 452

Polyalcohol Emulsion (CBI)

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability: No data is available on the degradability of this product.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Aromatic hydrocarbon (64742-95-6)

Ecotoxicity

Test	Duration	Organism Type	Test Results
Aquatic - Acute Toxicity	72 hour(s)	Pseudokirchneriella subcapitata	ErL50 2.9 mg/l: data for similar materials
Aquatic - Acute Toxicity	72 hour(s)	Pseudokirchneriella subcapitata	NOELR 1 mg/l: data for similar materials
Aquatic - Acute Toxicity	96 hour(s)	Oncorhynchus mykiss	LL50 9.2 mg/l: data for similar materials
Aquatic - Acute Toxicity	48 hour(s)	Daphnia magna	EL50 3.2 mg/l: data for similar materials

Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Persistence, Degradability and Bioaccumulation Potential

Media	Test Type	Duration	Test Results
Water	Ready Biodegradability	28 day(s)	Percent Degraded 78 : material

Biodegradation: Expected to be readily biodegradable.

Hydrolysis: Transformation due to hydrolysis not expected to be significant.

Photolysis: Transformation due to photolysis not expected to be significant.

Atmospheric Oxidation: Expected to degrade rapidly in air

Mobility: Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.

Waste Disposal Method

Waste disposal should be in accordance with existing federal, state and local environmental control laws

Empty Container Precautions

Do not heat or cut container with electric or gas torch. Recondition or dispose of empty container in accordance with governmental

regulations. Do not reuse empty container without proper cleaning. Label precautions also apply to this container when empty.

Non-hazardous for air, sea and road freight.

[%] RQ (CAS#) Substance - Reg Codes

[>97%] Polyalcohol Emulsion (CBI)* (0) TSCA

[1-3%] Aromatic hydrocarbon (64742-95-6) TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

TSCA = Toxic Substances Control Act

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