GHS Safety Data Sheet

Wearcoat 3045

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Wearcoat 3045
Common Name: Water based alkyd
SDS Number: I206
Revision Date: 4/8/2021
Version: 1

Supplier Details:
Coatings for Industry, Inc.
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2 HAZARDS IDENTIFICATION

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

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

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.

5 FIRE FIGHTING MEASURES

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.

6 ACCIDENTAL RELEASE MEASURES

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.

7 HANDLING AND STORAGE

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

Storage Requirements: Store in original tightly closed container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Appearance:	White		
Physical State:	Liquid	**Odor:**	Mild
Specific Gravity or Density:	1.01	**Flash Point:**	230.0 °F (110.0 °C) estimated

10 STABILITY AND REACTIVITY

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 Avoidentification:	Avoid temperatures exceeding the flash point.
Materials to Avoidentification:	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

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

12 ECOLOGICAL INFORMATION

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.

13 DISPOSAL CONSIDERATIONS

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.

14 TRANSPORT INFORMATION

Non-hazardous for air, sea and road freight.

15 REGULATORY INFORMATION

[%] 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

16	OTHER INFORMATION

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