

Wearcoat 3030

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Wearcoat 3030
Common Name: Water based acrylic
SDS Number: I212
Revision Date: 2/14/2022
Version: 1
Product Use: Concrete Sealing Compound

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

Chemical Ingredients:	
CAS#	% Chemical Name:
29911-28-2	1-5% 2-Propanol, 1-(2-butoxy-1-methylethoxy)-
0	10-30% Acrylic Polymer

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

Amounts specified are typical and do not represent a specification. Remaining components are non-hazardous and/or present at amounts below reportable limits.

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.

5	FIRE FIGHTING MEASURES
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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
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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
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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
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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.

2-Propanol, 1-(2-butoxy-1-methylethoxy)- (29911-28-2)

Dow IHG TWA Aerosol 10 mg/m

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	White	Odor:	Mild
Physical State:	Liquid	Flash Point:	212F Setaflash Closed Cup (2-Propanol, 1-(2-butoxy-1-methylethoxy))
Specific Gravity or Density:	1.0 to 1.03	Volatile organic compound:	100 g/l
Potentia Hydrogenii:	ca. 7		

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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2-Propanol, 1-(2-butoxy-1-methylethoxy)- (29911-28-2)**Acute toxicity****Acute oral toxicity**

Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

LD50, Rat, 3,700 mg/kg

Acute dermal toxicity

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

LD50, Rat, > 2,000 mg/kg No deaths occurred at this concentration.

Acute inhalation toxicity

Prolonged exposure is not expected to cause adverse effects. Based on the available data, narcotic effects were not observed. Based on the available data, respiratory irritation was not observed.

LC50, Rat, 4 Hour, dust/mist, > 2.04 mg/l No deaths occurred at this concentration.

Skin corrosion/irritation

Prolonged contact may cause slight skin irritation with local redness.

Serious eye damage/eye irritation

May cause slight eye irritation.

May cause slight corneal injury.

Sensitization

Did not cause allergic skin reactions when tested in humans.
Did not cause allergic skin reactions when tested in guinea pigs.
For respiratory sensitization: No relevant data found.

Specific Target Organ Systemic Toxicity (Single Exposure)

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Specific Target Organ Systemic Toxicity (Repeated Exposure)

In animals, effects have been reported on the following organs: Kidney effects have been observed in male rats. These effects are believed to be species specific and unlikely to occur in humans.

Carcinogenicity

For similar material(s): Did not cause cancer in laboratory animals.

Teratogenicity

Did not cause birth defects or any other fetal effects in laboratory animals.

Reproductive toxicity

In animal studies, did not interfere with reproduction.

Mutagenicity

In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

Aspiration Hazard

Based on physical properties, not likely to be an aspiration hazard.

Acrylic Polymer

Acute Oral Toxicity

LD50: > 5,000 mg/kg (rat)

Studies of a comparable product.

Acute Inhalation Toxicity

Acute toxicity estimate: > 5 mg/l, , dust/mist

Acute Dermal Toxicity

Acute toxicity estimate: > 2,000 mg/kg

Skin Irritation

rabbit, non-irritant

Toxicological studies of a comparable product.

Eye Irritation

rabbit, slight irritant

Toxicological studies of a comparable product.

Sensitization

Skin sensitization (local lymph node assay (LLNA)):: negative (OECD Test Guideline 429)

Toxicological studies at the product

Mutagenicity

Genetic Toxicity in Vitro:

Salmonella/microsome test (Ames test): No indication of mutagenic effects.

Toxicological studies of a comparable product.

Carcinogenicity:

No carcinogenic substances as defined by IARC, NTP and/or OSHA

2-Propanol, 1-(2-butoxy-1-methylethoxy)- (29911-28-2)

Information on ecological effects

Toxicity

Acute toxicity to fish

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested).

LC50, *Poecilia reticulata* (guppy), static test, 96 Hour, 841 mg/l, OECD Test Guideline 203 or Equivalent

Acute toxicity to aquatic invertebrates

LC50, *Daphnia magna* (Water flea), static test, 48 Hour, > 1,000 mg/l, OECD Test Guideline 202 or Equivalent

Persistence and degradability

Biodegradability: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability. Material is ultimately biodegradable (reaches > 70% mineralization in OECD test(s) for inherent biodegradability).

10-day Window: Pass

Biodegradation: 91 %

Exposure time: 28 d

Method: OECD Test Guideline 301E or Equivalent

10-day Window: Pass

Biodegradation: 95 %

Exposure time: 21 d

Method: OECD Test Guideline 301A or Equivalent

10-day Window: Not applicable

Biodegradation: 96 %

Exposure time: 28 d

Method: OECD Test Guideline 302B or Equivalent

Theoretical Oxygen Demand: 2.35 mg/mg

Photodegradation

Sensitizer: OH radicals

Atmospheric half-life: 2.6 Hour

Method: Estimated.

Bioaccumulative potential

Bioaccumulation: Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

Partition coefficient: n-octanol/water(log Pow): 1.523 Estimated.

Mobility in soil

Potential for mobility in soil is very high (Koc between 0 and 50).

Partition coefficient(Koc): 10 - 21 Estimated.

Acrylic Polymer

Biodegradation

5 %, Exposure time: 28 d, i.e. not readily degradable

Ecotoxicological reports on a comparable product

Acute and Prolonged Toxicity to Fish

LC50: > 100 mg/l (*Danio rerio* (zebra fish), 96 h)

Ecotoxicological reports on a comparable product

Toxicity to Microorganisms

EC50: > 10,000 mg/l, (activated sludge)

Ecotoxicological reports on a comparable product

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

[1-5%] 2-Propanol, 1-(2-butoxy-1-methylethoxy)- (29911-28-2) 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**

NOTICE: This information is presented in good faith and believed to be accurate as of the effective date below. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Coatings For Industry, Inc. assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material. Regulatory requirements are subject to change and may differ from one location to another: it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The preceding specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.

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