

Duration

SDS Number: F250D

Revision Date: 9/21/2018

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
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Harahan, LA 70123

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Product Identifier: Duration
SDS Number: F250D
Product Code: F250
Revision Date: 9/21/2018
Product Use: Floor Sealant and Finish

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin corrosion/irritation, 3
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3
Environmental, Hazards to the aquatic environment - Chronic, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H316 - Causes mild skin irritation
H320 - Causes eye irritation
H335 - May cause respiratory irritation
H412 - Harmful to aquatic life with long lasting effects

GHS Precautionary Statements:

P301 - IF SWALLOWED: _Do not induce vomiting.
P302+352 - IF ON SKIN: Wash with soap and water.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P304 - IF INHALED: _Remove to fresh air. If breathing is difficult give oxygen

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Ingestion, eye, skin , inhalation
Target Organs: NA
Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation.
Skin Contact: Prolonged or repeated contact may cause irritation, defatting, dermatitis.

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Eye Contact: Can cause mild to moderate irritation.
Ingestion: May cause gastrointestinal irritation, nausea, vomiting, diarrhea.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients		
CAS#	%	Chemical Name
111-90-0	1-5%	Diethylene glycol ethyl ether
34590-94-8	1-5%	Propanol, 1(or 2)-(2-methoxymethylethoxy)-
78-51-3	1-5%	Ethanol, 2-butoxy-, phosphate (3:1)
25498-49-1	1-5%	Propanol, [2-(2-methoxymethylethoxy)methylethoxy]-

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention.

Skin Contact: Immediately flush skin with plenty of water. Call a physician if irritation develops and persists.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

5 FIRE FIGHTING MEASURES

Flammability: NA
Flash Point: None
Flash Point Method: NA
Burning Rate: ND
Autoignition Temp: ND
LEL: ND
UEL: ND

Extinguishing media: Foam, dry chemical, carbon dioxide

Special Fire fighting procedures: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and self-contained breathing apparatus (SCBA) (pressure demand/NIOSH approved or equivalent)

Unusual Fire & Explosion Hazard: None

6 ACCIDENTAL RELEASE MEASURES

In case of spill or leak: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Place contaminated material in a suitable container for disposal. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE)

7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with skin and eyes. Avoid breathing gas, fumes, vapor or spray. Do not swallow. Handle open container with care. Do not eat, drink or smoke when using this product.

Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

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Storage Requirements: Keep out of reach of children. Keep container tightly closed. Store in a cool, dry place away from incompatible materials.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equipment: HMIS PP, B | Goggles, Gloves
 Respiratory Protection: None needed for proper use in accordance with label directions. Otherwise, use NIOSH/MSHA approved respirator.
 Protective gloves: Rubber, chemical resistant
 Eye protection: Chemical splash goggles, face shield

Maintain levels below Community environmental protection thresholds.

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

Dipropylene glycol methyl ether (CAS 34590-94-8)
 US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)
 PEL 600 mg/m³
 100 ppm

US. ACGIH Threshold Limit Value
 STEL 150 ppm
 TWA 100 ppm

US. NIOSH: Pocket Guide to Chemical HazardsUS. NIOSH: Pocket Guide to Chemical Hazards
 STEL 900 mg/m³
 150 ppm
 TWA 600 mg/m³
 100 ppm

No biological exposure limits noted for the ingredient
 Can be absorbed through the skin.

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Milky white liquid	Odor:	Acrylic
Physical State:	Liquid	Molecular Formula:	NA
Particle Size:	NA	Solubility:	Soluble
Spec Grav./Density:	(H2O=1): 1.02+/- 0.1	Softening Point:	NA
Viscosity:	NA	Heat Value:	NA
Saturated Vapor Concentration:	NA	Freezing/Melting Pt.:	NA
Boiling Point:	212 Deg. F.	Octanol:	NA
Vapor Pressure:	NA	Vapor Density:	(Air=1): < 1
pH:	8 +/- 1	Bulk Density:	NA
Evap. Rate:	NA		
Molecular weight:	NA		

Slip Resistance (ASTM D2047) >0.5 Coefficient of Friction (COF)

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10	STABILITY AND REACTIVITY
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Chemical Stability: Stable under normal storage conditions.
Conditions to Avoid: Heat. Incompatible materials. Keep from freezing.
Materials to Avoid: Strong acids
Hazardous Decomposition: May include, and are not limited to oxides of carbon.
Hazardous Polymerization: Will not occur

11	TOXICOLOGICAL INFORMATION
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Data for this material and/or its components are summarized below.

Diethylene glycol ethyl ether (111-90-0)
 Oral LD50 1920 mg/kg (Rat)
 Dermal LD50 4200 microL/kg (Rabbit)
 Dermal LD50 6 mL/kg (Rat)
 Inhalation >5240 mg/m³, 4h, (Rat)

Propanol, 1(or 2)-(2-methoxymethylethoxy)- (34590-94-8)
 Oral LD50 5230 mg/kg (Rat)
 Dermal LD50 9500 mg/kg (Rabbit)

Ethanol, 2-butoxy-, phosphate (3:1) (78-51-3)
 Oral LD50 3000 mg/kg (Rat)
 Dermal LD50 >5000 mg/kg (Rabbit)
 Inhalation LC50 >6.4 mg/L, 4 h, (Rat)

Propanol, [2-(2-methoxymethylethoxy)methylethoxy]- (25498-49-1)
 Oral LD50 3184 mg/kg (Rat)
 Dermal LD50 15440 mg/kg (Rabbit)

Alcohol Ethoxylate (68439-46-3)
 Oral LD50 1378 mg/kg (Rat)
 Dermal LD50 >2 g /kg/ (Rabbit)

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

12	ECOLOGICAL INFORMATION
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Data summary for the components is as follows:

Ethanol, 2-butoxy-, phosphate (3:1) (78-51-3)
 Fish LC50 10.4 -12.0 mg/L, flowthrough, 96h, (Pimephales promelas)

Diethylene glycol ethyl ether (111-90-0)
 Fish LC50 11400-15700 mg/L, flow-through, 96h, (Oncorhynchus mykiss)
 Fish LC50 11600-16700 mg/L, flow-through, 96h, (Pimephales promelas)
 Fish LC50 10000 mg/L, static, 96h (Lepomis macrochirus)
 Fish LC50 19100-23900 mg/L, flow-through, 96h (Lepomis macrochirus)
 Fish LC50 13400 mg/L, flow-through, 96h, (Slmo gairdneri)

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Crustacea EC50 3940-4670 mg/L, 48h. (Daphnia magna)

Propanol, [2-(2-methoxymethylethoxy)methylethoxy]- (25498-49-1)
Fish LC50 11619 mg/L, static, 96h, (Pimephales promelas)
Crustacea EC50 10 mg/L, 48h, (Daphnia magna)

Propanol, 1(or 2)-(2-methoxymethylethoxy)- (34590-94-8)
Fish LC50 10000 mg/L, static, 96h (Pimephales promelas)
Crustacea LC50 1919 mg/L, 48h, (Daphnia magna)

13	DISPOSAL CONSIDERATIONS
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Dispose of according to local, state, or federal regulations. The generation of waste should be avoided or minimized wherever possible.

14	TRANSPORT INFORMATION
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US Department of Transportation (DOT): not regulated
International Maritime Dangerous Goods Code (IMDG): not regulated

15	REGULATORY INFORMATION
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Component (CAS#) [%] - CODES

Diethylene glycol ethyl ether (111-90-0) [1-5%] HAP, TSCA, TXAIR

Propanol, 1(or 2)-(2-methoxymethylethoxy)- (34590-94-8) [1-5%] MASS, OSHAWAC, PA, TSCA, TXAIR

Ethanol, 2-butoxy-, phosphate (3:1) (78-51-3) [1-5%] TSCA

Propanol, [2-(2-methoxymethylethoxy)methylethoxy]- (25498-49-1) [1-5%] TSCA

Regulatory CODE Descriptions

HAP = Hazardous Air Pollutants
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

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MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances

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OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available N/D = Not determined