

SAFETY DATA SHEET
Empire Innovation Floor Finish

1. Product and Company Identification

Product Code: 423600PAIL
Product Name: Empire Innovation Floor Finish
Company Name: Empire Cleaning Supply
11020 Bloomfield Ave
Santa Fe Springs, CA 90670
Phone Number: (323)248-7750
Web site address: <http://empirecleaningsupply.com/>
Emergency Contact: Chem Trec (800)424-9300
Recommended Use: Floor Finish
Intended Use: For sale to, use and storage by service persons only.
Additional Information: 407100GAL

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2A
Aquatic Toxicity (Chronic), Category 3
Acute Toxicity: Oral, Category 5
Skin Corrosion/Irritation, Category 3
Acute Toxicity: Inhalation, Category 5
Specific Target Organ Toxicity (single exposure), Category 3
Aquatic Toxicity (Acute), Category 2



GHS Signal Word: **Warning**

GHS Hazard Phrases: H319 - Can cause serious eye irritation.
H412 - Harmful to aquatic life with long lasting effects.
H303 - May be harmful if swallowed.
H316 - Can cause mild skin irritation.
H333 - May be harmful if inhaled.
H335 - May cause respiratory irritation.
H401 - Toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

GHS Precaution Phrases: P264 - Wash hands thoroughly after handling.
P102 - Keep out of reach of children.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P273 - Avoid release to the environment.
P261 - Avoid breathing fumes and spray mist.
P271 - Use only outdoors or in a well-ventilated area.

GHS Response Phrases: P305+351+338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 - If eye irritation persists, get medical attention immediately.
P302+352 - If on skin (or in hair): Wash with plenty of soap and water. P332+313 - If skin irritation occurs, get medical attention immediately.
P304+340 - If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

GHS Storage and Disposal Phrases: P501 - Dispose of contents and container according to the local, city, state and federal regulations.
P411+235 - Store in cool dry place at room temperature away from direct sunlight.

SAFETY DATA SHEET

Empire Innovation Floor Finish

Page: 2

Printed: 11/12/2020

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Inhalation: High vapor concentrations may cause drowsiness. May cause respiratory tract irritation.

Skin Contact: May cause allergic skin reaction.

Eye Contact: Causes eye irritation.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
25987-66-0	Acrylic acid polymer	Proprietary	
111-90-0	Diethylene glycol monoethyl ether	Proprietary	
25265-77-4	Texanol	Proprietary	
78-51-3	Ethanol, 2-Butoxy-, phosphate (3:1)	Proprietary	
1314-13-2	Zinc oxide	Proprietary	

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical aid. Remove from exposure and move to fresh air immediately.

In Case of Skin Contact: Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

In Case of Eye Contact: Get medical aid immediately. In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

In Case of Ingestion: Never give anything by mouth to an unconscious person. If victim is conscious and alert, give 2-4 cupfuls of milk or water. If swallowed, wash out mouth with water provided person is conscious. Call a physician. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NE

Explosive Limits: LEL: N/A UEL: N/A

Autoignition Pt: NE

Suitable Extinguishing Media: Use water spray, alcohol foam, CO2, dry chemical.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition. Provide ventilation. Prevent runoff from entering drains, sewers, or streams.

7. Handling and Storage

Precautions To Be Taken in Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances. Keep from freezing.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
25987-66-0	Acrylic acid polymer	No data.	No data.	No data.
111-90-0	Diethylene glycol monoethyl ether	No data.	No data.	No data.
25265-77-4	Texanol	No data.	No data.	No data.
78-51-3	Ethanol, 2-Butoxy-, phosphate (3:1)	No data.	No data.	No data.
1314-13-2	Zinc oxide	PEL: 5 (fume); 15 (dust) mg/m3	TLV: 2 mg/m3 (R) STEL: 10 mg/m3 (R)	No data.

Respiratory Equipment (Specify Type): Always use a NIOSH approved respirator when necessary.

Eye Protection: Safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Work/Hygienic/Maintenance Practices: Wash thoroughly after handling. Wash contaminated clothing before reuse.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Opaque white liquid with bland odor.

pH: ~ 7.50 - 9.00

Melting Point: NE

Boiling Point: > 212.00 F

Flash Pt: NE

Evaporation Rate: NE

Flammability (solid, gas): No data available.

Explosive Limits: LEL: N/A UEL: N/A

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): NE

SAFETY DATA SHEET

Empire Innovation Floor Finish

Page: 4

Printed: 11/12/2020

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Specific Gravity (Water = 1): ~ 1.035
Density: ~ 8.63 LB/GA
Bulk density: NE
Solubility in Water: 100%
Saturated Vapor Concentration: NE
Octanol/Water Partition Coefficient: No data.
VOC / Volume: 0.0000 G/L
Autoignition Pt: NE
Decomposition Temperature: No data.
Viscosity: NP
Particle Size: NE
Heat Value: NE
Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Extremes of temperature and direct sunlight. Strong acids, Strong oxidizing agents.
Incompatibility - Materials To Avoid: Strong oxidizing agents, magnesium, chlorinated rubber.
Hazardous Decomposition or Byproducts: Carbon monoxide, Carbon dioxide, Thermal decomposition may produce toxic fumes of phosphorus oxides and/or phosphine. toxic fumes of zinc oxide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: None.

11. Toxicological Information

Toxicological Information: CAS# 111-90-0: Acute toxicity, LD50, Oral, Rat, 5500. MG/KG. Result: Gastrointestinal:Ulceration or bleeding from stomach. Gastrointestinal:Ulceration or bleeding from duodenum. Gastrointestinal:Ulceration or bleeding from small intestine. ; Journal of Industrial Hygiene and Toxicology, Vol/p/yr: 21,173, 1939
Carcinogenicity/Other Information: CAS# 111-90-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 25265-77-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 1314-13-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information: CAS# 111-90-0: LC50, Brine Shrimp (Artemia salina), nauplii, 10000000. UG/L, 24 H, Mortality, Water temperature: 24.00 C C. Result: No observed effect. ; Brine Shrimp Bioassay and Seawater BOD of Petrochemicals, Price, K.S., G.T. Waggy, and R.A. Conway, 1974

SAFETY DATA SHEET

Empire Innovation Floor Finish

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
25987-66-0	Acrylic acid polymer	No	No	No
111-90-0	Diethylene glycol monoethyl ether	No	No	Yes-Cat. N230
25265-77-4	Texanol	No	No	No
78-51-3	Ethanol, 2-Butoxy-, phosphate (3:1)	No	No	Yes-Cat. N230
1314-13-2	Zinc oxide	No	No	Yes-Cat. N982

This material meets the EPA Yes No **Acute (immediate) Health Hazard**

'Hazard Categories' defined Yes No **Chronic (delayed) Health Hazard**

for SARA Title III Sections Yes No **Fire Hazard**

311/312 as indicated: Yes No **Sudden Release of Pressure Hazard**

Yes No **Reactive Hazard**

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
25987-66-0	Acrylic acid polymer	CA PROP.65: No; CA TAC, Title 8: No
111-90-0	Diethylene glycol monoethyl ether	CA PROP.65: No; CA TAC, Title 8: Yes - Cat.
25265-77-4	Texanol	CA PROP.65: No; CA TAC, Title 8: No
78-51-3	Ethanol, 2-Butoxy-, phosphate (3:1)	CA PROP.65: No; CA TAC, Title 8: Yes - Cat.
1314-13-2	Zinc oxide	CA PROP.65: No; CA TAC, Title 8: Yes - Cat., Title 8

SAFETY DATA SHEET

Empire Innovation Floor Finish

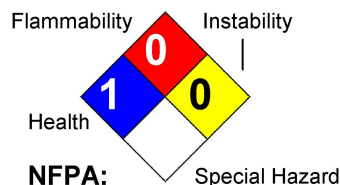
16. Other Information

Revision Date: 08/18/2020

Hazard Rating System:

HEALTH		1
FLAMMABILITY		0
PHYSICAL		0
PPE		B

HMIS:



Additional Information About PPE B: safety glasses; gloves.

This Product:

Company Policy or

Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.