

Safety Data Sheet

Issued Date: November 5, 2015

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Version 1

1. IDENTIFICATION

Product Identifier

Product Name F-112A Floor Sealer

Other means of identification

Product Code F-112A

Recommended use of the chemical and restrictions on use

Recommended Use Floor sealer for Industrial and Institutional use.

Details of the supplier of the safety data sheet

Missouri Vocational Enterprises
 2727 Highway K
 Bonne Terre, MO 63628
 Phone: (573) 358-5516

Emergency Telephone Number

INFOTRAC 1-800-535-5053 (North America)
 1-352-323-3500 (International)

2. HAZARDOUS IDENTIFICATION

Signal Word **WARNING**

Classification	Hazard Category
Skin - Corrosion/Irritation	2
Serious Eye Damage/Irritation	2A
Acute Toxicity – Oral	4
Specific Target Organ Toxicity - Single Exposure	2

Health Hazard Statement(s)

H302 – Harmful if swallowed. H371 – May cause damage to organs.
 H315 – Causes skin irritation.
 H317 – May cause an allergic skin reaction.
 H319 – Causes serious eye irritation.

Hazard Pictogram(s)



Hazard Ratings

	HMIS	NFPA
Health	2	2
Flammability	0	0
Reactivity	0	0
PPE	B	N/A

Precautionary Statement(s)

P260 – Do not breathe dust/fume/gas/mist/vapors/spray.
 P264 – Wash face, hands and any exposed skin thoroughly after handling.
 P270 – Do not eat, drink, or smoke when using this product.
 P273 – Avoid release to the environment.
 P280 – Wear protective gloves/protective clothing/ eye protection/face protection.
 P301+P330+P331 – IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
 P303+P361+P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 – Call a POISON CENTER or doctor/physician if you feel unwell.

P363 – Wash contaminated clothing before reuse.

Potential Health Effects

Skin Contact	May cause skin corrosion/irritation/burns.
Eye Contact	May cause eye damage.
Inhalation	May cause respiratory irritation.
Ingestion	May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name/Pure Substance	CAS #	Weight-%
Water	7732-18-5	60-65
Rhoplex B-85	Proprietary	15-20
Rhoplex B-60A	Proprietary	15-20
Ethylene Glycol	107-21-1	1-5
Isocil IG	Proprietary	0-1
Tributoxyethyl Phosphate	78-51-3	0-1

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

General Advice	If you feel unwell, seek medical advice (show label where possible).
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
Skin Contact	Wash off immediately with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects

Symptoms	Prolonged contact may cause painful stinging or burning of eyes and lids, watering of eye, and irritation. Prolonged contact may even cause severe skin irritation or mild burn.
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5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media that is appropriate to local circumstances.

Unsuitable Extinguishing Media: Not determined.

Specific Hazards Arising from the Chemical

Heating or fire can release toxic gas. Heating or fire can increase pressure inside the container and the container may burst.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Personal precautions** Use personal protective equipment as required.
- Environmental precautions** Keep spills and cleaning runoff out of waterways, drains, sewers, and soil.

Methods and material for containment and clean up

- Methods for Containment** Prevent further leakage or spillage if safe to do so. Move containers from spill area.
- Methods for Clean up** Absorb spilled material with inert material, such as vermiculite, sand, or earth. Then place in a container for disposal according to local regulations. Contaminated absorbent material may pose the same hazard as the spilled product.

7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Use only in well ventilated areas. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

- Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep from freezing. Do not store in direct sunlight.
- Incompatible Materials** See section 10 for any incompatibilities.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aqua Ammonia (1336-21-6)	35 ppm STEL 25 ppm TWA	50 ppm TWA	-

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

- Eye/Face Protection** Wear approved safety goggles.
- Skin and Body Protection** Wear appropriate clothing to prevent repeated or prolonged skin contact.
- Respiratory Protection** Ensure adequate ventilation, especially in confined areas.
- General Hygiene Considerations** Do not eat, drink, or smoke when using this product. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Physical State** Liquid
- Color** Milky White
- Odor** Slight Ammonia
- Odor Threshold** Not Determined

Property	Values	Remarks - Method
pH	9-10	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	

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Flash Point	Not determined
Evaporation Rate	Not determined
Flammability (Solid, Gas)	Liquid- Not applicable
Upper Flammability Limits	Not determined
Lower Flammability Limits	Not determined
Vapor Pressure	Not determined
Vapor Density	Not determined
Specific Gravity	1.02
Water Solubility	Complete
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Extremes of temperature and direct sunlight.
Incompatible materials	None known based on information supplied.
Hazardous Decomposition Products	Thermal decomposition may yield acrylic monomers. Hydrogen chloride gas, sulfur oxides, nitrogen oxides, and carbon oxides.
Hazardous Polymerization	Not available.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Toxicological data have not been determined specifically for this product.

12. ECOLOGICAL INFORMATION**Ectotoxicity**

Ecological studies have not been carried out on this product.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways, or ditches with chemical or used container.
Hazardous Waste Code	Not available.
Waste from residues / unused products	Dispose of in accordance with local, regional, national, and international laws and regulations.
Contaminated Packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

Note	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
DOT I.D. Number	Not determined.
DOT Proper Shipping Name	Not determined.
DOT Hazard Classes:	
US DOT	Not determined.
Road (ADR)	Not determined.
Air (ICAO/IMDG)	Not determined.
Sea (IMO/IMDG)	Not determined.
Packing Group	Not determined.
DOT Label	Not determined.

15. REGULATORY INFORMATION

U.S. Federal Regulations

Contents of this SDS comply with OSHA Hazard Communication Standard CFR 1910.1200.

OSHA Hazard Communication Standard (29 CFR 1910.1200)

() Hazardous (X) Non- Hazardous

SARA TITLE III

Section 302/304

Section 311/312

Section 313

Extremely Hazardous Substances:

(40CFR370) Hazardous Categories: Acute, Chronic

Contains the following SARA 313 Toxic Release Chemicals: Ethylene Glycol (107-21-1)

CERCLA

CERCLA Regulatory

Ethylene Glycol (107-21-1)

State Regulations

California Prop 65

This product may contain the following ingredient(s) known to the state of California to cause cancer, birth defects or other reproductive harm: None known based on information supplied.

16. OTHER INFORMATION

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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