



Milky Way Floor Sealer

SECTION 1 – IDENTIFICATION

Product Name: Milky Way Floor Sealer
Product Use: Acrylic Floor Sealer/**FOR INDUSTRIAL USE ONLY**
Revision Date: 06/25/2021
Product Code: 0231
CAS#: N/A, Mixture

Distributed by:
Shur-Az
871 High Street
Central Falls, RI 02863
401-723-0116

POISON CONTROL NUMBER 1-800-222-1222

SECTION 2 - HAZARDOUS IDENTIFICATION

GHS LABEL SIGNAL WORD: WARNING

GHS SYMBOLS:



Classification Irritant to eyes and skin

Acute toxicity – Oral	Category 5
Acute toxicity – Dermal	Category 5
Eye Irritation	Category 2B
Skin corrosion/irritation	Category 2

Emergency Overview

May cause irritation of skin and serious eye irritation.

Potential Health Effects

Primary routes of exposure: Skin contact and eye contact.

Skin: irritating to skin. Prolonged skin contact, may cause dry skin or irritation.

Eyes: Severe irritant. May cause damage to eyes.

Inhalation: Not likely under normal conditions of use.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects: Chronic effects by over exposure to this product have not been established.

Carcinogenicity: NTP; IARC Monographs; The ingredients are not considered a carcinogenic.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Chemical Name	CAS No	Weight-%
Tributoxyethyl phosphate	78-51-3	1-5
Acrylic polymer	N/A	70-85
Di(ethylene glycol) ethyl ether	111-90-0	1-5
Zinc oxide	1314-13-2	<1

SECTION 4 - FIRST-AID MEASURES

Inhalation	Remove to fresh air. If symptoms persist, call a physician
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
Ingestion	Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin Contact	Wash with plenty of water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	May cause eye irritation with reddening and watering. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptomatically.
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SECTION 5 - FIRE-FIGHTING MEASURES

FIRE HAZARD DATA:

Flash Point and Method:	Above >210° F closed cup
Flammability Limits (vol/vol%):	LOWER: No data available UPPER: No data available
Extinguishing Media (suitable):	Carbon dioxide (CO ₂), Dry chemical, Foam, water spray
Protective Equipment:	As in any fire wear self-contained breathing apparatus pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear
Products of Combustion:	These products are carbon oxides (CO, CO ₂) nitrogen oxides (NO, NO ₂)
Flammable Properties:	NOT FLAMMABLE

SECTION 6 – ACCIDENTAL RELEASE MEASURES

In case of spill or leak: Prevent further leakage or spillage. Warn Personnel. Cleaning products frequently present a slip hazard. Small quantities may be flushed down drain. Dispose of in accordance of Local, State and Federal Requirements.

SECTION 7 - HANDLING AND STORAGE

Handling:	Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin, and clothing.
Storage:	Keep in a dry, cool place. This material is not hazardous under normal storage conditions; however, material should be stored in closed containers, in a secure area to prevent container damage and subsequent spillage. Store in upright position only. Keep container closed when not in use.
Storage Stability:	Stable under normal conditions.
Storage Incompatibility - General:	Store separate from: Strong bases, Strong oxidizing agents, Strong acids
Temperature tolerance – Do not store below:	- 34 °F (1 °C)
Temperature tolerance – Do not store above:	100 °F (38 °C)

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protection

Respiratory Protection: Avoid breathing vapor or mist.

Eye/Face Protection: Splash-proof chemical goggles or face shield.

Skin Protection: Avoid skin contact by wearing rubber gloves and following good industrial hygiene practice.

Exposure Guidelines

Appropriate Engineering Controls

Engineering Controls Provide adequate ventilation. Eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Wear approved safety goggles where a splash hazard exists.

Skin and Body Protection Wear suitable protective clothing.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State Liquid
Appearance White Liquid
Color White
Odor Not determined
Odor Threshold Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.2-8.5	
Melting Point/Freezing Point	0°C Water	
Boiling Point/Boiling Range	100° C Water	
Flash Point	Non-flammable	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Evaporation Rate	<1 Water	
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	17 mmHg @ 21°C	
Vapor Density	<1 Water	
Specific Gravity	Not determined	
Water Solubility	Soluble in water	
Solubility in Other Solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not an explosive	
Oxidizing Properties	Not determined	

SECTION 10 – STABILITY AND REACTIVITY

Stability: This material is chemically stable under normal and anticipated storage, handling and processing conditions.
Stability-Conditions to avoid: See HANDLING AND STORAGE section of this SDS for specified conditions.
 See Hazardous Decomposition Products below.
Materials to Avoid: Strong acids, Strong bases, Strong oxidizing agents
Hazardous Polymerization: Hazardous polymerization does not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

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

Primary routes of exposure: Skin contact and eye contact.

Skin: Severely irritating to skin. Prolonged skin contact, may cause dry skin or irritation.

Eyes: Severe irritant. May cause damage to eyes.

Inhalation: Not likely under normal conditions of use.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water #732-18-5	> 90 mL/kg (Rat)	-	-
tributoxyethyl phosphate #78-51-3	= 3000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 6.4 mg/L (Rat) 4 h
Di(ethylene glycol) ethyl ether #111-90-0	= 1920 mg/kg (Rat)	= 4200 µL/kg (Rabbit) = 6 mL/kg (Rat)	> 5240 mg/m ³ (Rat) 4 h
Zinc oxide 1314-13-2			

Acrylic polymer	>5000mg/kg Rat		
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Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

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

Numerical Measures of Toxicity

Not determined

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Tributoxyethyl phosphate 78-51-3		10.4 - 12.0: 96 h Pimephales promelas mg/L LC50 flow-Through		
Di(ethylene glycol) ethyl ether 111-90-0		11400 - 15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600 - 16700: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Lepomis macrochirus mg/L LC50 static 19100 - 23900: 96 h Lepomis macrochirus mg/L LC50 flow-through 13400: 96 h Salmo gairdneri mg/L LC50 flow-through		3940 - 4670: 48 h Daphnia magna mg/L EC50
Zinc oxide		21 mg/L LC 50		5; 48 h Daphnia magna Mg/L EC 50

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Chemical Name	Partition Coefficient
Tributoxyethyl phosphate 78-51-3	4.78
Di(ethylene glycol) ethyl ether 111-90-0	-0.8

Other Adverse Effects

Not determined

Other Adverse Effects

Not determined

SECTION 13 - DISPOSAL CONSIDERATION

Waste disposal: Dispose of in accordance with federal, state and local regulations. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits. Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, state and local waste disposal requirements may be more restrictive or otherwise different from federal laws and regulations.

SECTION 14 - TRANSPORT INFORMATION

US Department of Transportation (DOT): not regulated, Cleaning Compound NOI Non Hazardous
International Maritime Dangerous Goods Code (IMDG): not regulated, Cleaning Compound NOI Non Hazardous

SECTION 15 - REGULATORY INFORMATION

US. Toxic Substances Control Act TSCA The components of this product are all on the TSCA Inventory.
U.S. Federal Regulations SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

International Inventories

Not Determined

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold
Di(ethylene glycol) ethyl ether 111-90-0	111-90-0	5-10	1.0
Zinc Oxide	1314-13-2	<1.5	1.0

US State Regulations

Zinc and its compounds are considered toxic pollutants and priority pollutants under Section 307 (a)(1) of the Clean Water Act and are subject to effluent limitations.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Di(ethylene glycol) ethyl ether 111-90-0	X		X
Zinc Oxide 1314-13-2	X	X	X

SECTION 16 – OTHER INFORMATION

Issue Date	4/24/14
Revision Date	1/11/2015
Revision Note	Ingredient Update

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.

OSHA Regulated Carcinogens (NTP, IARC, OSHA listed):

NTP: No component in this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Abbreviations and Definitions of terms used:

CAS:	Chemical Abstracts Service (Registry Number)
LC50:	The concentration of a material (inhaled) that will be lethal to 50% of the test animals.
LD50:	The dose (swallowed all at once) which is lethal to 50% of a group of test animals.
N/A:	Not Applicable
N/K:	Not Known
NIOSH:	National Institute for Occupational Safety and Health
PEL:	Permissible Exposure Limit
STEL:	Short term exposure limit
TLV:	Threshold Limit Value
TWA:	Time Weighted Average

HEALTH EFFECTS FROM EXPOSURE

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; protective equipment used and method of application.

Date Prepared:	March 9, 2022
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