

FOX VALLEY CHEMICAL COMPANY

5201 MANN DRIVE - P.O. BOX 129

RINGWOOD, IL. 60072

ORIGINAL DATE 03-01-03

MATERIAL SAFETY DATA SHEET

MAXIMUM 30

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER: FOX VALLEY CHEMICAL
INFORMATION: 815-653-2660
EMERGENCY #: 800-325-3699

HAZARD RATINGS:

TRADE NAME: Zinc Floor Finish Formulation 4-EXTREME
Chemical Name: Maximum 30 3-HIGH
PRODUCT CODE: F303000 2-MODERATE
C.A.S. #: SEE BELOW 1-SLIGHT
Formula: (-CH₂-CH(COOR)-) n 0-INSIGNIFICANT
Molecular Weight: n>50

FIRE - 0 TOXICITY- 1 REACTIVE - 0 SPECIAL - 0

SECTION II - COMPOSITION IDENTIFICATION

INGREDIENTS Approx wt% SARA-313 CAS NUMBER

Water	65 min		7732-18-5
Acrylate Copolymer	25 max	yes	
(May be CAS NO# 25987-66-0, 63744-8-3, 65405-61-0, 67366-74-9, 67892-91-5, 67952-78-7)			
Glycol ether coalescent	10 max	Some	See section III
Hydrocarbon Wax Emulsion	8 max	listed	
(May be CAS# 9010-77-9, 25053-53-6, 25722-45-6, 67892-91-5, 68441-17-8)			
Tri(butoxyethyl) Phosphate	2 max		78-51-3

SECTION III - HAZARDOUS INGREDIENTS

Ingredient	weight%	TLV	PEL(TWA)	STEL
Ammonium Hydroxide	1 max	25 ppm	50 ppm	35 ppm
CAS# 1336-21-6 Acute (immediate) inhalation Hazard				
Glycol Ether DE (SARA 313)	10 max	not est	not est	not est
CAS# 111-90-0				
Glycol Ether DM(SARA 313)	10 max	not est	not est	not est
CAS# 111-77-3				
Glycol Ether PM	10 max	not est	100 ppm	150 ppm
CAS# 107-98-3				
Glycol Ether DPM	10 max	not est	100 ppm	150 ppm
CAS# 34590-94-8 (skin)				

SECTION IV - FIRST AID MEASURES

Inhalation: Remove to fresh air and consult physician if symptoms Persist.
Ingestion: Induce vomiting if conscious, and call a physician.
Skin contact: Promptly wash with soap and water, and rinse Thoroughly. Remove contaminated clothing and shoes.
Eye Contact: Promptly flush with a large amount of water for at least

15 minutes. Contact a physician if symptoms persist.

SECTION V - FIRE FIGHTING MEASURES

Extinguishing Media: CO₂, Dry chemical.
Special Fire Fighting Procedures: Toxic gasses may be released During decomposition at high temperatures. Use self-Contained breathing apparatus.

Unusual Fire / Explosion Hazards: None

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Protection: Prevent contact with skin or eyes by wearing rubber gloves and approved safety glasses with side shields. Spilled material may be slippery under foot. Wear rubber boots with an anti-slip contact surface. Wear protective work clothing. Launder any contaminated clothing before reuse.

Environmental Protection Precautions: Do not release to the environment or water source.

Steps To Be Taken In Case Material Is Released Or Spilled: Halt spill at source and contain or dike spill with sand or inert absorbent material. Transfer any liquid to containers for recovery or disposal. Shovel used absorbent into drums for disposal in accordance with all applicable focal and national regulations.

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken In handling And Storage: Store at 4 degree C to 32 degree C (40 F to 90 F degrees) Provide adequate ventilation in storage area. Protect from Freezing. Keep away from Fire and Heat. (Any ignition source). Keep containers closed when not in use.

SECTION VIII - Exposure Controls / Personal Protection

Respiratory Protection: None required in well ventilated areas. An Approved organic vapor full face respirator is advised for

Poorly ventilated areas.

Ventilation: Local Exhaust: None required

Mechanical (General): Provide adequate ventilation.

Protective Gloves: Wear rubber gloves.

Eye Protection: Wear approved safety glasses with side shields.

Other protective Equipment: Wear protective work clothing.

Launder contaminated clothing before reuse.

HMIS PROTECTION GROUP C

SECTION IX - PHYSICAL DATA

Appearance: Milky or transparent dispersion.

Odor: Characteristic mild odor

PH : 7.0 to 9.5

Boiling Point: 100 degree C (212 degree F)

Freezing Point: Variable

Flash Point: Not applicable.

Flammability: This material will burn after water boils away.

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Autoignition Temperature: Greater than 120 degree C (250 F)

Explosive Properties: None

Oxidizing Properties: None

Vapor Pressure: Approximately 23 mbar (as water).

Vapor Density (Water Vapor=1): 1

Specific Gravity (Water=1): Variable.

Evaporation Rate (Water=1): 1

Solubility in Water: Infinitely miscible.

Percent Volatile by weight: Minimum of 65% Water.

This product is classified as "Non-flammable, Non-hazardous, Not Restricted" for Transport purposes.

United Nations Number: None

ADR/RID Class:

IATA Class:

IMO Class:

IMDG Code:

Marine Pollutant classification: Not classified as a Marine Pollutant.

SECTION X Stability and Reactivity Information

Stability: Stable

Conditions To Avoid: Temperatures of 100 degrees C (212 F) or over will boil water away. Do not mix with acids or cationic materials.

Incompatibility: Treat as water.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Thermal decomposition on burning may produce toxic gasses.

SECTION XI - ECOLOGICAL INFORMATION

If this product becomes a waste, it does not exhibit the properties of ignitability, corrosivity, reactivity or environmentally persistent toxicity. The material should not be flushed into any sewer system. This product should not be released to the environment without chemical treatment by flocculation / precipitation.

"Wassergefährdungsklasse": Class 1

SECTION XII - TOXICOLOGICAL PROPERTIES

LD50: Not determined. Similar products tested for LD50 limit value are greater than 10,000 mg / kg.

Threshold Limit Value: No limit determined.

Effects of Acute Exposure:

Ingestion: Nausea may occur.

Inhalation: Prolonged exposure may produce headaches, and Mucous membrane irritation.

Skin Contact: Direct contact may cause irritation.

Eye Contact: Direct contact may cause irritation.

Effects of Chronic Exposure: None determined.

SECTION XIII - DISPOSAL CONSIDERATIONS

Recommended Waste Disposal Methods: Material should not be flushed into any sewer system. This product and any residual material left in its packaging may be incinerated, or absorbed with an inert absorbent material and landfill. After the material has been collected, dispose of in accordance with all local and national regulations applicable to non-hazardous liquid wastes.

"AbfallschiOsselnummer": 57303

SECTION XIV - TRANSPORT INFORMATION

SECTION XV - OTHER INFORMATION

AICS: (Australia) Not determined.

EINECS: (Europe) This product meets the definition of a polymer

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Under the 7th Amendment to Directive 67/548/EEC.)

CEPA DSL: (Canada) Not determined.

Handbook of Existing and New Chemical Substances: (Japan) Not determined.

Toxic Substances Control Act: (USA) This product is on the 8 (B) Inventory List (40 CFR 710).

SARA: (USA) Section 302 - This product does not contain materials Listed in Appendix A or B as an Extremely Hazardous Substance.

Sections 311/312 - Materials listed in 29 CFR 1910, Subpart Z Are identified in Section III. None are known or suspected carcinogens listed by the National Toxicology Program, International Agency for Research on Cancer, or OSHA.

Section 313 - Listed materials contained in this product are identified in Sections II or III of this MSDS.

Clean Air Act: (USA) - This product does not contain, and has not contacted during manufacture, any Ozone Depleting Substances.

Food Packaging Use: This product is for industrial Use only. It is not approved for any applications involving food packaging or contact.

USER'S RESPONSIBILITY

Fox Valley Chemical Co cannot anticipate all conditions of handling and use of this product. Therefore, Fox Valley Chemical accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products.

It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. Fox Valley Chemical Co will accept no liability for damages or loss incurred from the improper handling and use of this product.

PREPARATION INFORMATION

This Material Safety Data Sheet was prepared under the requirements of Directive 93/112/EEC.

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