

Four Star Chemical
3137 E. 26th Street
Vernon, CA 90058
(323) 266-7111

SAFETY DATA SHEET

SDS PREP DATE: 4/30/2015

SDS REVISION DATE: 4/30/2015

24-Hour Emergency Telephone: (800) 255-3924

Product ID: ML-1000N-4/1.933

This Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community Right To Know emergency response reporting requirements under SARA TITLE III and many other laws. If you resell this product, this SDS must be given to the buyer or the information incorporated in your SDS.

Section 1: Product Identification

Product ID: ML-1000N-4/1.933

Product Name: McCalla Super Vinyl Floor Finish 4/1 gals.

Intended Use: FLOOR FINISH

Section 2: Hazard(s) Identification

Physical Hazard Classification: Non Hazardous

NON HAZARDOUS

Physical Hazard Precautionary Statements:

Causes skin and eye irritation.

IF ON SKIN: Gently wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Health Hazard Classification(s):

Acute Toxicity - Oral - Level 4 Warning

Skin Corrosion/Irritation -Level 3 Warning

Eye Damage/Irritation -Level 2A Warning



Health Hazard Statements:

Causes skin and eye irritation.

IF ON SKIN: Gently wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Section 3: Product Composition

	CAS#	% Range		PEL	TLV
Acrylic Polymer	PROPRIETARY	25	40	ND	ND
TRIBUTOXY ETHYL PHOSPHATE	78-51-3	1	5	25 mg/293mg/M3	20 PPM20 ppm
ETHANOL, 2-(2-ETHOXYETHOXY)	111-90-0	3	7	NOT ESTABLISHED	NOT ESTABLISHED

Specific chemical identity and exact percentages are withheld as Trade Secret.

Section 4: First-Aid Measures

Wash hands and exposed areas thoroughly after handling.

Do no eat, drink or smoke when using this product.

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Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

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

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Dispose of contents/container in accordance with local regulations.

THRESHOLD LIMIT VALUE: See Section III

EFFECTS OF OVER EXPOSURE: Irritation to skin and eyes.

EMERGENCY FIRST AID PROCEDURES:

SKIN: Wash with soap and water.

EYE: Flush with water for at least 15 minutes.

INHALATION: Remove to fresh air. See a physician if irritation persist.

ORAL: Call a physician. Do not induce vomiting.

ADDITIONAL: Contact with eyes will be painful and irritating. Prolonged or repeated contact with skin may cause irritation. Mist caused by manufacturing operations may irritate the nasal passages.

Section 5: Fire-Fighting Measures

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

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Dispose of contents/container in accordance with local regulations.

FIRE & EXPLOSION HAZARDS: Keep containers cool. Use equipment or shielding required to protect personnel against bursting, rupturing, venting containers.

FIRE FIGHTING EQUIPMENT: At elevated temperatures (above 120 F) containers may vent, rupture, or burst.

EXTINGUISHING MEDIA: Foam Dry Chemical, Carbon Dioxide.

Section 6: Accidental Release Measures

SPILL PROCEDURES: Pick up free material for recycle/disposal.

WASTE DISPOSAL: Disposal should be in compliance with Federal, State and local laws.

Section 7: Handling and Storage

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If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Dispose of contents/container in accordance with local regulations.

VENTILATION PROCEDURE: Use adequate ventilation

GLOVES PROTECTION: Neoprene or nitrile rubber gloves recommended.

RESPIRATORY PROTECTION: When applicable, wear a NIOSH approved respirator appropriate for the vapor or mist concentration at the point of use.

EYE PROTECTION: Safety glasses.

OTHER PROTECTION: None

Section 8: Exposure Control / Personal Protection

Wash hands and exposed areas thoroughly after handling.

Do no eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

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

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Dispose of contents/container in accordance with local regulations.

VENTILATION PROCEDURE: Use adequate ventilation

GLOVES PROTECTION: Neoprene or nitrile rubber gloves recommended.

RESPIRATORY PROTECTION: When applicable, wear a NIOSH approved respirator appropriate for the vapor or mist concentration at the point of use.

EYE PROTECTION: Safety glasses.

OTHER PROTECTION: None

Section 9: Product Properties

Flash Point (CCP): > 200 F

Boiling Point for Product: > 212 F

Vapor Pressure for Product: ND

Vapor Density for Product: > 1.0

Specific Gravity: 1.02

V.O.C.: < 1% by weight (remainder CARB compliant)

Water Solubility: miscible

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Appearance: Off White liquid with Acrylic odor

PH: 8.6 +/- 0.3

Section 10: Stability and Reactivity

INCOMPATIBILITY: Strong Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide, Hydrogen Sulfide, Nitrous Oxides and Ammoniacal Vapors.

POLYMERIZATION: Will not occur.

Section 11: Toxicological Information

Acrylic Polymer PROPRIETARY

Acute Oral Toxicity LD50 (rat) > 5000 mg/Kg

TRIBUTOXY ETHYL PHOSPHATE 78-51-3

Acute Oral Toxicity LD50 (rat) = 3000 mg/Kg

Acute Dermal Toxicity LD50 (rabbit) > 5000 mg/Kg

Acute Inhalation Toxicity LC50 (rat) > 6.4 mg/L

ETHANOL, 2-(2-ETHOXYETHOXY) ETHANOL 111-90-0

Acute Oral Toxicity LD50 (rat) = 10520 mg/Kg

Acute Dermal Toxicity LD50 (rabbit) = 9143 mg/Kg

Acute Inhalation LC50 (rat) > 6.4 mg/L 4 hr.

Section 12: Ecological Information

TRIBUTOXY ETHYL PHOSPHATE 78-51-3

Aquatic Toxicity LC50 (fish) 10.4 - 12.0 mg/L 96 hr.

ETHANOL, 2-(2-ETHOXYETHOXY) ETHANOL 111-90-0

Aquatic Toxicity LC50 (fish) 11400 - 15700 mg/L 96 hr.

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified in Section III with an "*". Additional ecological information is Not Determined.

Section 13: Disposal Information

Wash hands and exposed areas thoroughly after handling.

Do no eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

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

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Dispose of contents/container in accordance with local regulations.

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for

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approved procedures.

Section 14: Transportation Information

DOT Proper Shipping Name: (not regulated)

Section 15: Regulatory Information

	CAS#	PEL	TLV
Acrylic Polymer	PROPRIETARY	ND	ND
TRIBUTOXY ETHYL PHOSPHATE	78-51-3	25 mg/M3	20 ppm
ETHANOL, 2-(2-ETHOXYETHOXY)	111-90-0	NOT ESTABLISHED	NOT ESTABLISHED

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified above with an "*"

Section 16: Other Information

Consumer Product Safety Act Certificaton.

This product was evaluated by Four Star Chemical and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location identified on the SDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above mentioned regulation.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.