

MATERIAL SAFETY DATA SHEET

ROCHESTER MIDLAND CORPORATION
P.O. BOX 1515
ROCHESTER, NY 14603-1515
INFORMATION (716) 336-2200

Complies with OSHA's 29 CFR
1910.1200 and State Hazard
Communication Standards

Medical Emergency Telephone (716) 266-2283
or INFOTRAC 1-800-535-5053

3-19-2021: File Reviewed; more current MSDS/SDS not
available. JMC

SECTION 1

PRODUCT IDENTITY: AKROL, Water Based Tile and Hard Floor Sealer

DATE PREPARED: 4/7/98

NFPA/HMIS HAZARD CODES (minimal = 0; slight = 1; moderate = 2; serious = 3; severe = 4)
Health: 1/1 Fire: 0/0 Reactivity: 0/0 Special/Protective Equipment: None/B

DOT: Not regulated in quantity less than 168 gallons. See Section 7 for CERCLA RQ Information.

SECTION 2

HAZARDOUS COMPONENTS	CAS #	OSHA-PEL	ACGIH-TLV	% BY WT.
Diethylene glycol methyl ether ⁽¹⁾	111-77-3	None Est. ⁽²⁾	None Est. ⁽²⁾	3.4
Styrene acrylic copolymer	Mixture	None Est.	None Est.	15 max.
Tributoxy ethyl phosphate	78-51-3	None Est.	None Est.	2 max.
Zinc ammonium carbonate ⁽¹⁾	38714-47-5	None Est.	None Est.	1.7 max.
Dibutyl phthalate ⁽¹⁾	84-74-2	None Est.	None Est.	0.7

Also contains water and polysiloxane defoamer.

- (1) SARA Title III Section 313 reportable if de minimis concentration is exceeded; Diethylene glycol ethyl ether as Glycol Ether category
(2) Supplier recommendation 30 ppm

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 212°F
VAPOR PRESSURE: As water
VAPOR DENSITY (air = 1): As water
SOLUBILITY IN WATER: Complete
APPEARANCE AND ODOR: Milky white liquid; mild odor.

SPECIFIC GRAVITY: 1.016 @ 70°F
PERCENT VOLATILE: 83.5 - 84.5
EVAPORATION RATE: As water
pH: 8.0 - 9.0

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None FLAMMABLE LIMITS: Not Applicable
EXTINGUISHING MEDIA: Product is mostly water and will not burn.
SPECIAL FIREFIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SECTION 5: REACTIVITY DATA

STABILITY: None HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Mixed with salt or acid solution, product coagulates.
INCOMPATIBILITY: None
HAZARDOUS DECOMPOSITION PRODUCTS: If evaporated to dryness, as in a fire, may release oxides of carbon and nitrogen.

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SECTION 6: HEALTH HAZARD DATA

ROUTES OF ENTRY/SIGNS AND SYMPTOMS OF EXPOSURE: ACUTE: Eyes: may cause slight irritation. Skin: prolonged or repeated contact may cause irritation. Inhalation: vapors slightly irritating to eyes and respiratory tract; may cause nausea or dizziness. Ingestion: may cause irritation, nausea, vomiting.

CHRONIC EFFECTS: None in normal use.

CARCINOGENS: None listed under OSHA, IARC, or NTP.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing respiratory or skin disorders.

EMERGENCY AND FIRST AID PROCEDURES: Eyes: rinse immediately with plenty of water for 15 minutes while holding eyelids open to ensure complete rinsing. Remove contact lenses if worn. Skin: wash with water. Inhalation: remove to fresh air. Aid breathing as needed. Ingestion: drink several glasses of water or milk to dilute. Get medical attention for eye, ingestion, or if irritation persists. Never give anything by mouth to an unconscious person.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURES: Use care, as floor may become slippery. **SMALL SPILLS:** Mop up or rinse down drain.

LARGE SPILLS: Cleanup personnel should wear appropriate protective equipment. Dike to prevent runoff. Reclaim as much as possible. Absorb remainder with inert material and place in suitable containers for disposal. Flush residue to sanitary sewer with water. CERCLA RQ for Dibutyl phthalate is 10 pounds (169 gallons of product).

WASTE DISPOSAL METHOD: Dispose of as any water-based floor finish in accordance with Federal, State and local regulations.

HANDLING AND STORING: CAUTION: Do not get in eyes, on skin or clothing, or breathe mist or vapors. Use with adequate ventilation. Keep from freezing.

OTHER PRECAUTIONS: Keep out of reach of children.

SECTION 8: CONTROL MEASURES

VENTILATION: General mechanical or local exhaust as needed to maintain exposure below PEL or TLV if spray mist or vapors in air.

RESPIRATORY PROTECTION: None normally required.

GLOVES: Rubber, neoprene or vinyl as needed to minimize skin contact.

EYE PROTECTION: Use chemical splash goggles (ANSI Z87.1 or approved equivalent) when transferring liquid.

OTHER PROTECTIVE EQUIPMENT: As needed to minimize skin contact.

WORK/HYGIENIC PRACTICES: Wash skin thoroughly after handling, and before eating, drinking or smoking. Launder contaminated clothing before reuse.

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