

#31755

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# MATERIAL SAFETY DATA SHEET

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

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

## SECTION 1

PRODUCT IDENTITY: DUO-COTE, High Solids Floor Finish

DATE PREPARED: 4/15/94

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.

## SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS #	OSHA-PEL	ACGIH-TLV	% BY WT.
Diethylene glycol ethyl ether*	111-90-0	None Est.	None Est.	4.3
Ethylene glycol*	107-21-1	50 ppm (ceiling)	50 ppm (ceiling)	1.8
Acrylic polymer	Mixture	None Est.	None Est.	20 max.
Tributoxy ethyl phosphate	78-51-3	None Est.	None Est.	2 max.
Polyethylene	9002-88-4	None Est.	None Est.	3 max.

Also contains water

\*SARA Title III Section 313 reportable; Diethylene glycol ethyl ether as Glycol Ether category

## SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: 212°F

VAPOR PRESSURE: As water

VAPOR DENSITY (air = 1): As water

SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY: 1.04 ± 0.01 @ 70°F

PERCENT VOLATILE: 75 max.

EVAPORATION RATE: As water

pH: 9 ± 0.5

APPEARANCE AND ODOR: Milky white liquid; mild odor

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None

FLAMMABLE LIMITS: Not Applicable

EXTINGUISHING MEDIA: As appropriate for surrounding fire (product is mostly water and will not support combustion.)

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

## 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.

FORM: MSDS #815A (4/15/94)

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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 in large amounts. Ingestion: may cause irritation, nausea, vomiting, kidney damage if swallowed in large amounts.

**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.

Some spills of glycol ethers may be CERCLA reportable.

**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**

**RESPIRATORY PROTECTION:** None normally required. NIOSH approved organic vapor respirator as needed if spray mist or vapors in air exceed PEL or TLV.

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

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

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

**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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