



MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008
DATE PRINTED: 11/11/2008

REVISION NUMBER: 5
PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **DUO-COTE, High Solids Floor Finish**
PRODUCT CODE: 120134

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

NAME OF THE MANUFACTURER: Rochester Midland Corporation
333 Hollenbeck Street
Rochester, New York 14621
Information: 585-336-2200
Emergency Phone:
INFOTRAC: 1-800-535-5053
OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: May cause irritation, nausea, vomiting, and kidney damage if swallowed in large amounts.
SKIN CONTACT: May cause moderate skin irritation.
INHALATION: Mists or vapors may cause nose and respiratory irritation, headache, nausea, dizziness.
EYE CONTACT: May cause mild eye irritation.
CHRONIC EFFECTS: None expected in normal use.
EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Diethylene glycol ethyl ether 111-90-0	1 - 5	NA	NA
Tributoxy ethyl phosphate 78-51-3	4 max.	NA	NA
Acrylic polymer MIXTURE	20 max	NA	NA
Dipropylene glycol methyl ether 34590-94-8	1 - 5	100 ppm	NA

4. FIRST AID MEASURES

INGESTION: Drink one or two glasses of water. Get medical attention. Never give anything by mouth to an unconscious person.
SKIN: Flush skin with large amounts of water. If irritation persists, get medical attention.
INHALATION: Aid breathing if necessary. Move person to fresh air.
EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
NOTES TO PHYSICIAN: None.

5. FIRE AND EXPLOSION HAZARD DATA

DUO-COTE, High Solids Floor Finish

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): None (C): NA
METHOD: None

FLAMMABLE LIMITS IN AIR

- LOWER (%): NA
- UPPER (%): NA

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

SENSITIVITY TO STATIC DISCHARGE:

SUITABLE EXTINGUISHING MEDIA:

FIRE FIGHTING PROCEDURES:

NO

Sensitivity to static discharge is not expected.

Product is mostly water and will not support combustion. As for surrounding fire.

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:

LARGE SPILLS:

Flush residue with water. Mop up all possible.

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

PERSONAL PRECAUTIONS: NA

ENVIRONMENTAL PRECAUTIONS: NA

METHODS FOR CLEANING UP: NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:

OTHER PRECAUTIONS:

SPECIFIC USE(S):

Caution: Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Use only with adequate ventilation. Keep from freezing.

Keep out of reach of children.

NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:

EXPOSURE CONTROLS:

RESPIRATORY PROTECTION:

PROTECTIVE GLOVES:

EYE PROTECTION:

OTHER PERSONAL PROTECTION

EQUIPMENT:

VENTILATION:

Use in a well ventilated area.

Use NIOSH approved organic vapor respirator as needed if spray mist or vapors exceed PEL or TLV. None normally required.

Neoprene. Vinyl gloves. Rubber gloves.

Goggles.

Appropriate protective clothing as needed to prevent skin contact.

General mechanical or local exhaust as needed to maintain exposure below TLV or PEL.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

BOILING POINT (F):

VAPOR PRESSURE:

VAPOR DENSITY (AIR=1):

SOLUBILITY IN WATER:

SPECIFIC GRAVITY:

VOC Content (%):

VOV Content (%):

EVAPORATION RATE:

PH:

Mild odor. White. Liquid.

212 F

As water

As water

NA

1.02 +/- 0.01 @ 70 F

NE

NE

As water

8.5 +/- 0.5

(C) NA

DUO-COTE, High Solids Floor Finish

10. STABILITY AND REACTIVITY

STABILITY DATA: NA
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: If evaporated to dryness, as in a fire, may release: Oxides of Carbon. Oxides of Nitrogen.
INCOMPATIBILITY (MATERIALS TO AVOID): None
CONDITIONS/HAZARDS TO AVOID: Product coagulates when mixed with salt or acid solutions.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE
EFFECTS OF CHRONIC EXPOSURE: NE
OTHER TOXIC EFFECTS: NE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time.
MOBILITY: NA
PERSISTENCE/DEGRADABILITY: NA
BIOACCUMULATIVE POTENTIAL: NA
OTHER ADVERSE EFFECTS: NA

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Diethylene glycol ethyl ether 111-90-0	1 - 5	Listed	Listed	Listed	Not Listed
Tributoxy ethyl phosphate 78-51-3	4 max.	Listed	Listed	Listed	Not Listed
Acrylic polymer MIXTURE	20 max	Not Listed	Not Listed	Not Listed	Not Listed
Dipropylene glycol methyl ether 34590-94-8	1 - 5	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Diethylene glycol ethyl ether 111-90-0	1 - 5	Not Listed	Not Listed	Listed
Tributoxy ethyl phosphate 78-51-3	4 max.	Not Listed	Not Listed	Not Listed
Acrylic polymer MIXTURE	20 max	Not Listed	Not Listed	Not Listed
Dipropylene glycol methyl ether 34590-94-8	1 - 5	Not Listed	Not Listed	Listed

DUO-COTE, High Solids Floor Finish

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Diethylene glycol ethyl ether 111-90-0	1 - 5	Listed
Tributoxy ethyl phosphate 78-51-3	4 max.	Listed
Dipropylene glycol methyl ether 34590-94-8	1 - 5	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
Dipropylene glycol methyl ether 34590-94-8	1 - 5	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
Diethylene glycol ethyl ether 111-90-0	1 - 5	Listed
Dipropylene glycol methyl ether 34590-94-8	1 - 5	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
Diethylene glycol ethyl ether 111-90-0	1 - 5	Listed
Dipropylene glycol methyl ether 34590-94-8	1 - 5	Listed

16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

*** END OF MSDS ***