



MATERIAL SAFETY DATA SHEET

REVISION DATE: 09/06/2011
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REVISION NUMBER: 6

1. CHEMICAL PRODUCT

PRODUCT NAME: **THERMO-SEAL, Ultra High Gloss Sealer**
PRODUCT CODE: 120220

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

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: Repeated or prolonged contact may irritate moderately.
INHALATION: Causes mild respiratory irritation. Excessive inhalation causes headache, dizziness, nausea and incoordination.
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	Not applicable	Not applicable
Ammoniated acrylic acid polymer 28214-57-5	10 - 20	Not applicable	Not applicable
Tributoxy ethyl phosphate 78-51-3	1 - 5	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: Drink several glasses of water or milk. Contact physician if irritation persists. Never give anything by mouth to an unconscious person.
SKIN: Rinse thoroughly with water.
INHALATION: Move person to fresh air. Aid breathing if necessary.
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

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FLASH POINT:

(F): None (C): None

METHOD:

None

FLAMMABLE LIMITS IN AIR

LOWER (%):

No data

UPPER (%):

No data

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

NO

SENSITIVITY TO STATIC DISCHARGE:

Sensitivity to static discharge is not expected.

SUITABLE EXTINGUISHING MEDIA:

As appropriate for surrounding fire-product is mostly water and will not burn.

FIRE FIGHTING PROCEDURES:

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

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:

Mop up all possible. Rinse down drain.

LARGE SPILLS:

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

PERSONAL PRECAUTIONS:

Not applicable

ENVIRONMENTAL PRECAUTIONS:

Not applicable

METHODS FOR CLEANING UP:

Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:

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

OTHER PRECAUTIONS:

Keep out of reach of children.

SPECIFIC USE(S):

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

None known.

RESPIRATORY PROTECTION:

NIOSH approved respirator if spray mist in air causes irritation.

PROTECTIVE GLOVES:

Chemical resistant gloves are recommended to minimize skin contact.

EYE PROTECTION:

Safety glasses are recommended to minimize eye contact.

OTHER PERSONAL PROTECTION

None required. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

EQUIPMENT:

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

VENTILATION:

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

White. Liquid. Mild odor.

BOILING POINT (F):

Not determined

(C) Not determined

VAPOR PRESSURE:

Not determined

VAPOR DENSITY (AIR=1):

Not determined

SOLUBILITY IN WATER:

Not determined

SPECIFIC GRAVITY:

1.015 - 1.025

VOC Content (%):

4.11 - 4.61 (Per EPA Method 24)

EVAPORATION RATE:

Not determined

PH:

8 - 9

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10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
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: Not Established
EFFECTS OF CHRONIC EXPOSURE: Not established.
OTHER TOXIC EFFECTS: Not established.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time.
MOBILITY: Not applicable.
PERSISTENCE/DEGRADABILITY: Not applicable
BIOACCUMULATIVE POTENTIAL: Not applicable
OTHER ADVERSE EFFECTS: Not applicable

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	Puesta en lista	Puesto en lista	Puesto en lista	Not Listed
Ammoniated acrylic acid polymer 28214-57-5	10 - 20	Not Listed	Not Listed	Not Listed	Not Listed
Tributoxy ethyl phosphate 78-51-3	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	Not Listed
Ammoniated acrylic acid polymer 28214-57-5	10 - 20	Not Listed	Not Listed	Not Listed
Tributoxy ethyl phosphate 78-51-3	1 - 5	Not Listed	Not Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Diethylene glycol ethyl ether 111-90-0	1 - 5	Puesto en lista
Tributoxy ethyl phosphate 78-51-3	1 - 5	Listed

None of the components of this material are included in the Massachusetts Substance List nor are present at or above reportable levels.

None of the components of this material are included in the New Jersey Substance List nor are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
Diethylene glycol ethyl ether 111-90-0	1 - 5	Puesto en lista

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	Puesto en lista

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 ***