
M A T E R I A L S A F E T Y D A T A S H E E T

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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME : MEMBRANE 310 Comp. A
 IDENTIFICATION NUMBER: MEM310A000A PREPARE/REVISED: 08/07/06
 PRODUCT USE/CLASS : EPOXY FLOOR TOPPING

SUPPLIER: MANUFACTURER:
 Dudick, Inc. Dudick, Inc.
 1818 Miller Parkway 1818 Miller Parkway
 Streetsboro, Ohio 44241 Streetsboro, Ohio 44241

CHEM-TEL: 800-255-3924 CHEM-TEL: 800-255-3924
 24 HOURS A DAY 24 HOURS A DAY

PREPARER: DUDICK, INC., PHONE: 800-322-1970

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SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

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ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	BISPHENOL A EPOXY RESIN	25085-99-8	75.0 %
02	GLYCIDYL ETHER OF ALKYL PHENOL	NO INFO	20.0 %
03	XYLENE, MIXED ISOMERS	1330-20-7	10.0 %
04	BENZYL ALCOHOL	100-51-6	5.0 %
05	ETHYLBENZENE	100-41-4	5.0 %

ITEM	EXPOSURE LIMITS					
	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING	COMPANY TLV-TWA	SKIN
01	NO INFO	NO INFO	NO INFO	NO INFO	NE	YES
02	NO INFO	NO INFO	NO INFO	NO INFO	NE	YES
03	100PPM	150PPM	100PPM	NO INFO	NE	NO
04	NO INFO	NO INFO	NO INFO	NO INFO	NE	NO
05	100PPM	125PPM	100PPM	125PPM STEL	NE	YES

(See Section 16 for abbreviation legend)

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SECTION 3 - HAZARDS IDENTIFICATION

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*** EMERGENCY OVERVIEW ***: WARNING!...FLAMMABLE. EYE AND SKIN IRRITANT.
 HARMFUL IF SWALLOWED. RESPIRATORY TRACT IRRITANT.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: MODERATE EYE IRRITANT.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: REPEATED EXPOSURE MAY CAUSE DRYING

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| SECTION 3 - HAZARDS IDENTIFICATION |
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AND FLAKING OF THE SKIN.

EFFECTS OF OVEREXPOSURE - INHALATION: MAY CAUSE SLURRED SPEECH, DIZZINESS, GIDDINESS, AND POSSIBLE LOSS OF CONSCIOUSNESS. CONCENTRATIONS OF 10,000 PPM OF XYLENE CAN BE IMMEDIATELY DANGEROUS TO LIFE AND HEALTH.

EFFECTS OF OVEREXPOSURE - INGESTION: INGESTION MAY CAUSE NAUSEA, CRAMPS, VOMITING, AND DIARRHEA. ASPIRATION HAZARD. PRODUCT MAY ENTER THE LUNGS DURING SWALLOWING AND CAUSE LUNG DAMAGE.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: PREEXISTING SKIN OR LUNG INJURIES MAY INCREASE THE CHANCE OF DEVELOPING ALLERGY SYMPTOMS FROM EXPOSURE TO THIS PRODUCT. CHRONIC LONG TERM OVEREXPOSURE OR INTENTIONAL ABUSE, MISUSE, OR OTHER MASSIVE EXPOSURE TO SOLVENT CONTAINING PRODUCTS MAY CAUSE MULTIPLE ORGAN DAMAGE AND/OR DEATH.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION INGESTION EYE CONTACT

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| SECTION 4 - FIRST AID MEASURES |
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FIRST AID - EYE CONTACT: HOLD OPEN EYE LIDS AND FLUSH WITH COPIOUS AMOUNTS OF FLOWING WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.

FIRST AID - SKIN CONTACT: WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING AND WASH THOROUGHLY BEFORE REUSE.

FIRST AID - INHALATION: REMOVE VICTIM TO FRESH AIR. IF VICTIM IS NOT BREATHING, ARTIFICIAL RESPIRATION SHOULD BE ADMINISTERED BY QUALIFIED PERSONNEL.

FIRST AID - INGESTION: IF SWALLOWED, CALL A PHYSICIAN IMMEDIATELY. REMOVE CONTENTS OF STOMACH ONLY AS DIRECTED BY MEDICAL PERSONNEL.

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| SECTION 5 - FIRE FIGHTING MEASURES |
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FLASH POINT: 140 F LOWER EXPLOSIVE LIMIT: 1.0 %
(SETAFLASH CLOSED CUP) UPPER EXPLOSIVE LIMIT: 7.0 %

AUTOIGNITION TEMPERATURE: NE

EXTINGUISHING MEDIA: ALCOHOL FOAM CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A LONG DISTANCE AND FLASH BACK.

SPECIAL FIREFIGHTING PROCEDURES: EVACUATE AREA. WATER MAY BE INEFFECTIVE

BUT MAY BE USED TO COOL FIRE EXPOSED CONTAINERS. FIGHT FIRE FROM A SAFE
DISTANCE. WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE

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| SECTION 5 - FIRE FIGHTING MEASURES |
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CLOTHING.

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| SECTION 6 - ACCIDENTAL RELEASE MEASURES |
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ABSORB EXCESS WITH SAND, EARTH, OR VERMICULITE. SCRAPE UP AND PLACE IN SUITABLE CONTAINER FOR DISPOSAL. WEAR ALL APPROPRIATE SAFETY EQUIPMENT WHILE HANDLING SPILLS. USE NON-SPARKING TOOLS.

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| SECTION 7 - HANDLING AND STORAGE |
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HANDLING: AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING VAPORS. FOR INDUSTRIAL USE ONLY. WEAR APPROPRIATE SAFETY EQUIPMENT WHEN HANDLING.

STORAGE: DO NOT STORE NEAR INCOMPATIBLES. DO NOT STORE NEAR EXCESSIVE HEAT OR NEAR SOURCES OF IGNITION. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

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| SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION |
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ENGINEERING CONTROLS: GENERAL MECHANICAL VENTILATION MAY BE SUFFICIENT TO MINIMIZE VAPOR CONCENTRATIONS. LOCAL EXHAUST MAY BE REQUIRED.

RESPIRATORY PROTECTION: WEAR A PROPERLY FITTED NIOSH APPROVED RESPIRATOR WHEN THE TLV IS EXCEEDED.

SKIN PROTECTION: IMPERVIOUS RUBBER OR NEOPRENE TYPE. CONSULT GLOVE MANUFACTURER FOR RECOMMENDATIONS.

EYE PROTECTION: USE SPLASH-PROOF GOGGLES OR FACE SHIELD WHEN EYE CONTACT MAY OCCUR.

OTHER PROTECTIVE EQUIPMENT: CLEAN, FULL BODY COVERING TO MINIMIZE SKIN CONTACT WITH MATERIAL. AN EYEWASH STATION AND SAFETY SHOWER IS RECOMMENDED NEAR WORK AREA.

HYGIENIC PRACTICES: SMOKING OR EATING IN THE WORK AREA SHOULD NOT BE PERMITTED. WASH THOROUGHLY AFTER HANDLING MATERIAL.

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| SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES |
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BOILING RANGE : 275 - 500 F VAPOR DENSITY : Is heavier than air
ODOR : AROMATIC ODOR THRESHOLD : NE
APPEARANCE : VISCOUS LIQUID EVAPORATION RATE: Is slower than Ether

SOLUBILITY IN H2O : NEGLIGIBLE
FREEZE POINT : NE

SPECIFIC GRAVITY: 1.09

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| SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES |
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VAPOR PRESSURE : NE pH @ 0.0 % : NE
PHYSICAL STATE : LIQUID VISCOSITY : 200-300cps
COEFFICIENT OF WATER/OIL DISTRIBUTION: NE

(See Section 16 for abbreviation legend)

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| SECTION 10 - STABILITY AND REACTIVITY |
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CONDITIONS TO AVOID: HEAT, FLAME, CONTAMINANTS.

INCOMPATIBILITY: STRONG OXIDANTS.

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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| SECTION 11 - TOXICOLOGICAL PROPERTIES |
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No product or component toxicological information is available.

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| SECTION 12 - ECOLOGICAL INFORMATION |
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ECOLOGICAL INFORMATION: DO NOT CONTAMINATE PONDS, STREAMS, OR UNDERGROUND WATER SUPPLY.

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| SECTION 13 - DISPOSAL CONSIDERATIONS |
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DISPOSAL METHOD: FOLLOW ALL RELEVANT LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT WELD, GRIND, OR USE CUTTING TORCHES ON EMPTY DRUMS. THIS PRODUCT EXHIBITS THE CHARACTERISTIC OF IGNITABILITY IF IT BECOMES A HAZARDOUS WASTE, D001.

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| SECTION 14 - TRANSPORTATION INFORMATION |
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DOT PROPER SHIPPING NAME: RESIN SOLUTION

DOT TECHNICAL NAME: NA

DOT HAZARD CLASS: 3

HAZARD SUBCLASS: NA

DOT UN/NA NUMBER: UN 1866

PACKING GROUP: III

RESP. GUIDE PAGE: 127

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 SECTION 15 - REGULATORY INFORMATION
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THE FOLLOWING COMPONENTS ARE NOT SUBJECT TO REPORTING IN SECTION 2:

----- CHEMICAL NAME ----- CAS NUMBER WT/WT % IS LESS THAN
 No non-hazardous components exist

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME -----	CAS NUMBER	WT/WT % IS LESS THAN
XYLENE,MIXED ISOMERS	1330-20-7	10.0 %
ETHYLBENZENE	100-41-4	5.0 %

TOXIC SUBSTANCES CONTROL ACT:

The chemical substances in this product are not on the TSCA Section 8 Inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

----- CHEMICAL NAME ----- CAS NUMBER
 No information is available.

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME ----- CAS NUMBER
 No non-hazardous materials are among the top five ingredients.

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME ----- CAS NUMBER
 No non-hazardous ingredients are present at greater than 3%.

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SECTION 15 - REGULATORY INFORMATION
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CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

----- CHEMICAL NAME ----- CAS NUMBER

No Proposition 65 chemicals exist in this product.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

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SECTION 16 - OTHER INFORMATION
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HMIS RATINGS - HEALTH: 2* FLAMMABILITY: 2 REACTIVITY: 0

VOLATILE ORGANIC COMPOUNDS (VOCS): 0.73 lbs/gal, 88 grams/ltr

LEGEND: N.A. - Not Applicable, N.E. - Not Established,
N.D. - Not Determined

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The information contained on this MSDS has been compiled from information obtained from raw material suppliers and is believed to be accurate. It is the responsibility of the user to comply with all Federal, State and Local

Regulations.

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<END OF MSDS>