
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 : PROTECTO-CRETE 140T COMP. B
IDENTIFICATION NUMBER: PCR140TB000B PREPARE/REVISED: 03/14/2013
PRODUCT USE/CLASS : EPOXY HARDENER

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|-------------------------|-------------------------|
| 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 | CYCLOALIPHATIC POLYAMINE | 25265-17-2 | 45.0 % |
| 02 | ALIPHATIC AMINE | MIXTURE | 20.0 % |
| 03 | BENZYL ALCOHOL | 100-51-6 | 35.0 % |
| 04 | TERTIARY AMINE | NO INFO | 10.0 % |

| ITEM | EXPOSURE LIMITS | | | | | |
|------|------------------|-------------------|-----------------|---------------------|--------------------|------|
| | ACGIH TLV-TWA | ACGIH TLV-STEL | OSHA PEL-TWA | OSHA PEL-CEILING | COMPANY TLV-TWA | SKIN |
| 01 | NE | NE | NE | NE | NE | YES |
| 02 | NE | NE | .1mg/m3 | NE | NE | YES |
| 03 | NO INFO | NO INFO | NO INFO | NO INFO | NE | NO |
| 04 | NE | NE | NE | NE | NE | YES |

(See Section 16 for abbreviation legend)

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SECTION 3 - HAZARDS IDENTIFICATION

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*** EMERGENCY OVERVIEW ***: HARMFUL IF SWALLOWED. RESPIRATORY TRACT IRRITANT. WARNING!---SEVERE EYE IRRITANT. MODERATE SKIN IRRITANT.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: EYE CONTACT MAY CAUSE SEVERE IRRITATION WITH CORNEAL INJURY.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: PROLONGED EXPOSURE MAY CAUSE SKIN IRRITATION AND BURNS.

EFFECTS OF OVEREXPOSURE - INHALATION: MAY CAUSE IRRITATION OF THE NOSE,

(Continued on Page 2)

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SECTION 3 - HAZARDS IDENTIFICATION

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THROAT, AND LUNGS.

EFFECTS OF OVEREXPOSURE - INGESTION: INGESTION MAY CAUSE
NAUSEA, CRAMPS, VOMITING, AND DIARRHEA.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: ALLERGIC REACTIONS MAY OCCUR IN
SOME INDIVIDUALS.

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.

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

FIRST AID - INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.
GIVE VICTIM PLENTY OF WATER TO DRINK IF CONSCIOUS.

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SECTION 5 - FIRE FIGHTING MEASURES

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FLASH POINT: 230 F LOWER EXPLOSIVE LIMIT: N.A.
(SETAFLASH CLOSED CUP) UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: NE

EXTINGUISHING MEDIA: ALCOHOL FOAM CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: HAZARDOUS CONDITIONS WILL RESULT
THROUGH CONTAMINATION WITH INCOMPATIBLES OR EXPOSURE TO EXCESSIVE HEAT.
TOXIC FUMES MAY BE PRODUCED IF THIS PRODUCT IS INVOLVED IN A FIRE.

SPECIAL FIREFIGHTING PROCEDURES: 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 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: DIKE AREA TO
CONTAIN SPILLAGE. ABSORB EXCESS WITH SAND, EARTH, OR VERMICULITE. SCRAPE
UP AND PLACE IN SUITABLE CONTAINER FOR DISPOSAL. WEAR ALL APPROPRIATE

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

SAFETY EQUIPMENT WHILE HANDLING SPILLS.

SECTION 7 - HANDLING AND STORAGE

HANDLING: IF BODILY CONTACT OCCURS, REMOVE CONTAMINATED CLOTHING AT ONCE. AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING VAPORS. FOR INDUSTRIAL USE ONLY.

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.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: GENERAL MECHANICAL VENTILATION MAY BE SUFFICIENT TO MINIMIZE VAPOR CONCENTRATIONS. LOCAL EXHAUST MAY BE REQUIRED.

RESPIRATORY PROTECTION: WEAR A PROPERLY FITTED NIOSH/MSHA APPROVED RESPIRATOR WHEN EXPOSURE TO MISTS OR VAPORS IS LIKELY.

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

EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS RECOMMENDED AS MINIMUM PROTECTION. GOGGLES RECOMMENDED FOR INDIVIDUALS MIXING THE RESIN AND CATALYST.

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.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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|-------------------|----------------|-------------------|-----------------------|
| BOILING RANGE | : 400 - 401 F | VAPOR DENSITY | : Is heavier than air |
| ODOR | : AMMONIACAL | ODOR THRESHOLD | : NE |
| APPEARANCE | : AMBER LIQUID | EVAPORATION RATE: | Is slower than Ether |
| SOLUBILITY IN H2O | : SLIGHT | | |
| FREEZE POINT | : NE | SPECIFIC GRAVITY: | 1.06 |
| VAPOR PRESSURE | : NE | pH @ 0.0 % | : NE |
| PHYSICAL STATE | : LIQUID | VISCOSITY | : NE |

COEFFICIENT OF WATER/OIL DISTRIBUTION: NE

(See Section 16 for abbreviation legend)

(Continued on Page 4)

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

INCOMPATIBILITY: STRONG OXIDANTS. STRONG ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS: BURNING WILL PRODUCE TOXIC FUMES.
AMMONIA WHEN HEATED. HYDROGEN CYANIDE WHEN HEATED. COMBUSTION UNDER
OXYGEN-STARVED CONDITIONS COULD PRODUCE: NITRILES, CYANIC ACID,
ISOCYANATES, CYANOGENS, AMIDES, AND CARBAMATES.

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. PREVENT FROM ENTERING SEWERS.

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| SECTION 13 - DISPOSAL CONSIDERATIONS |
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DISPOSAL METHOD: EMPTY DRUMS MAY CONTAIN RESIDUE OR FUMES WHICH ARE
HARMFUL. DO NOT WELD,GRIND,OR USE CUTTING TORCHES ON EMPTY DRUMS.

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| SECTION 14 - TRANSPORTATION INFORMATION |
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DOT PROPER SHIPPING NAME: Amines,Liquid,Corrosive,N.O.S.

DOT TECHNICAL NAME: Benzene-1,3-dimethylamine(MXDA)

DOT HAZARD CLASS: 8 HAZARD SUBCLASS: NA

DOT UN/NA NUMBER: UN2735 PACKING GROUP: III RESP. GUIDE PAGE:153

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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

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SECTION 15 - REGULATORY INFORMATION
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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

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
No SARA Section 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:
The chemical substances in this product are 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%.

CALIFORNIA PROPOSITION 65:

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SECTION 15 - REGULATORY INFORMATION
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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: CLASS D DIVISION 2B

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SECTION 16 - OTHER INFORMATION
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HMIS RATINGS - HEALTH: 2* FLAMMABILITY: 1 REACTIVITY: 0

VOLATILE ORGANIC COMPOUNDS (VOCs): 0.00 lbs/gal, 0 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>