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

=====

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

=====

PRODUCT NAME : STERI-SEAL HB PART B
IDENTIFICATION NUMBER: EH-15 PREPARE/REVISED: 02/16/10
PRODUCT USE/CLASS : EPOXY HARDENER

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

=====

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

=====

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	BENZYL ALCOHOL	100-51-6	40.0 %
02	MODIFIED POLYAMINE	MIXTURE	30.0 %
03	ISOPHORONE DIAMINE	2855-13-2	20.0 %
04	POLYOXYPROPYLENE DIAME	9046-10-0	20.0 %

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	NO
02	NO INFO	NO INFO	NO INFO	NO INFO	NE	YES
03	NE	NE	NE	NE	NE	YES
04	NO INFO	NO INFO	NO INFO	NO INFO	NE	YES

(See Section 16 for abbreviation legend)

=====

SECTION 3 - HAZARDS IDENTIFICATION

=====

*** EMERGENCY OVERVIEW ***: HARMFUL IF SWALLOWED. 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: MODERATE SKIN IRRITANT.

(Continued on Page 2)

=====

=====|
| SECTION 6 - ACCIDENTAL RELEASE MEASURES |
=====|

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 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. 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. BUNGS MUST BE KEPT TIGHTLY CLOSED WHEN CONTAINERS ARE NOT IN USE OR ARE PLACED IN STORAGE AREAS.

=====|
| 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: NITRILE RUBBER.

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. DISCARD CONTAMINATED LEATHER GOODS.

=====|
| SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES |
=====|

BOILING RANGE	: 392 - 477 F	VAPOR DENSITY	: Is heavier than air
ODOR	: AMINE	ODOR THRESHOLD	: NE
APPEARANCE	: VISCOUS LIQUID	EVAPORATION RATE:	Is slower than Ether
SOLUBILITY IN H2O	: SLIGHT		
FREEZE POINT	: NE	SPECIFIC GRAVITY:	1.0156
VAPOR PRESSURE	: NE	pH @ 0.0 %	: NE
PHYSICAL STATE	: LIQUID	VISCOSITY	: NE
COEFFICIENT OF WATER/OIL DISTRIBUTION: NE			

(Continued on Page 4)

=====

=====

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

=====

(See Section 16 for abbreviation legend)

=====

SECTION 10 - STABILITY AND REACTIVITY

=====

CONDITIONS TO AVOID: HEAT, FLAME, CONTAMINANTS.

INCOMPATIBILITY: STRONG OXIDANTS. STRONG ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF NITROGEN. 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.

=====

SECTION 11 - TOXICOLOGICAL PROPERTIES

=====

No product or component toxicological information is available.

=====

SECTION 12 - ECOLOGICAL INFORMATION

=====

ECOLOGICAL INFORMATION: DO NOT CONTAMINATE PONDS, STREAMS, OR UNDERGROUND WATER SUPPLY. ISOPHORONEDIAMINE IS BIODEGRADABLE.

=====

SECTION 13 - DISPOSAL CONSIDERATIONS

=====

DISPOSAL METHOD: FOLLOW ALL RELEVANT LOCAL, STATE, AND FEDERAL REGULATIONS. EMPTY DRUMS MAY CONTAIN RESIDUE OR FUMES WHICH ARE HARMFUL. DO NOT WELD, GRIND, OR USE CUTTING TORCHES ON EMPTY DRUMS. ALTHOUGH THIS PRODUCT WOULD NOT BE A RCRA HAZARDOUS WASTE IF DISPOSED, LANDFILL DISPOSAL MAY PRESENT LONG TERM ENVIRONMENTAL HAZARDS. INCINERATION IS THE PREFERRED METHOD OF WASTE TREATMENT.

=====

SECTION 14 - TRANSPORTATION INFORMATION

=====

DOT PROPER SHIPPING NAME: CORROSIVE LIQUID N.O.S

DOT TECHNICAL NAME: POLYAMINES

DOT HAZARD CLASS: 8 HAZARD SUBCLASS: NA

DOT UN/NA NUMBER: UN 1760 PACKING GROUP: III RESP. GUIDE PAGE: 60

(Continued on Page 5)

=====

=====
SECTION 14 - TRANSPORTATION INFORMATION
=====

=====
SECTION 15 - REGULATORY INFORMATION
=====

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

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.

(Continued on Page 6)

=====

=====
SECTION 15 - REGULATORY INFORMATION
=====

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:

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.

=====
SECTION 16 - OTHER INFORMATION
=====

HMIS RATINGS - HEALTH: 3* 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

=====

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.

=====
<END OF MSDS>