

**Product Name: E2000 part A**

PennTek Industrial Coatings, 21034 Heron Way, Suite 104, Lakeville, MN 55044
24-hour Emergency Phone: 1-800-535-5053

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER'S NAME: PENNTEK INDUSTRIAL COATINGS
ADDRESS: 21034 HERON WAY, SUITE 104
LAKEVILLE, MN 55044
EMERGENCY PHONE: 1-800-535-5053
INFORMATION PHONE: 952-236-9305

HMIS CODES: H F R P**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Component/Exposure Limits	CAS#	% by Wt.
EPICHLOROHYDRIN-BISPHENOL A EPOXY RESIN	25085-99-8	90-100

3. HAZARDS IDENTIFICATION

INFORMATION NOT AVAILABLE

Potential Health Effects

EYE: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL

SKIN: WASH CONTAMINATED AREA WITH SOAP AND WATER. CONSULT A PHYSICIAN IF

INGESTION: MODERATELY TOXIC. MAY CAUSE MOUTH, THROAT, ESOPHAGUS AND STOMACH IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

INHALATION: HIGH VAPOR/AEROSOL CONCENTRATIONS (GREATER THAN APPROXIMATELY 1000 PPM) ARE IRRITATING TO

THE EYES AND THE RESPIRATORY TRACT, MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS, AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DEATH.

CHRONIC EXPOSURE TO ORGANIC SOLVENTS HAS BEEN ASSOCIATED WITH VARIOUS NEUROTOXIC EFFECTS INCLUDING PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. SYMPTOMS INCLUDE LOSS OF MEMORY, LOSS OF INTELLECTUAL ABILITY AND LOSS OF COORDINATION.

CHRONIC (CANCER) INFORMATION: INFORMATION NOT AVAILABLE

TERATOLOGY (BIRTH DEFECT) INFORMATION: INFORMATION NOT AVAILABLE

REPRODUCTION INFORMATION: INFORMATION NOT AVAILABLE

4. FIRST AID MEASURES

EYES: INFORMATION NOT AVAILABLE

SKIN: INFORMATION NOT AVAILABLE

Product Name: E2000 part A

Penntek Industrial Coatings, 21034 Heron Way, Suite 104, Lakeville, MN 55044
24-hour Emergency Phone: 1-800-535-5053

INHALATION: RESCUERS SHOULD PUT ON APPROPRIATE PROTECTIVE GEAR. REMOVE FROM AREA

NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. KEEP VICTIM WARM. GET IMMEDIATE MEDICAL ATTENTION. UNCONSCIOUS PERSON, SEE A PHYSICIAN.

NOTE TO PHYSICIANS: INFORMATION NOT AVAILABLE

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: 480F
INFORMATION NOT AVAILABLE

Method: PMCC

FLAMMABLE LIMITS:

Lower flammable limit: n/a
Upper flammable limit: n/a

AUTOIGNITION TEMPERATURE: INFORMATION NOT AVAILABLE

HAZARDOUS COMBUSTION PRODUCTS: INFORMATION NOT AVAILABLE

EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG

FIREFIGHTING INSTRUCTIONS: THE USE OF SELF-CONTAINED BREATHING APPARATUS IS
FIGHTERS. WATER SPRAY MAY BE USED FOR COOLING CONTAINERS TO PREVENT POSSIBLE PRESSURE BUILD-UP AND AUTOIGNITION
OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

REMOVE ALL SOURCES OF IGNITION (FLAMES, HOT SURFACES, AND ELECTRICAL, STATIC, OR FRICTIONAL SPARKS). AVOID BREATHING VAPORS. VENTILATE AREA. CONTAIN AND REMOVE WITH VERMICULITE OR OTHER INERT MATERIAL. PLACE IN A CONTAINER FOR CHEMICAL WASTE. IF LARGE SPILL, FLUSH SPILL AREA WITH WATER SPRAY AND PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS, OR STREAMS.

LARGE SPILL:

IF LARGE SPILL, FLUSH SPILL AREA WITH WATER SPRAY AND PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS, OR STREAMS.

7. HANDLING AND STORAGE

HANDLING: INFORMATION NOT AVAILABLE

STORAGE: DO NOT STORE ABOVE 120 DEG.F. STORE LARGE QUANTITIES IN BUILDINGS
KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE AND UPRIGHT TO PREVENT LEAKAGE.

Product Name: E2000 part A

Penntek Industrial Coatings, 21034 Heron Way, Suite 104, Lakeville, MN 55044
24-hour Emergency Phone: 1-800-535-5053

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: USE LOCAL EXHAUST VENTILATION WITH A MINIMUM CAPTURE VELOCITY OF 100 FT/MIN. (0.5 M/SEC.) AT THE POINT OF VAPOR EVOLUTION. REFER TO THE CURRENT EDITION OF INDUSTRIAL VENTILATION: A MANUAL

OF RECOMMENDED PRACTICE PUBLISHED BY THE AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS FOR

INFORMATION ON THE DESIGN, INSTALLATION, USE, AND MAINTENANCE OF EXHAUST SYSTEMS.

RESPIRATORY PROTECTION: DO NOT BREATHE VAPORS. WHEN CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMITS, WEAR AN APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) UNTIL VAPORS ARE EXHAUSTED.

FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR RESPIRATOR USE. OBSERVE OSHA STANDARD 29CFR 1910.134.

SKIN PROTECTION: USE SOLVENT IMPERMEABLE GLOVES TO AVOID CONTACT WITH PRODUCT.

EYE PROTECTION: DO NOT GET IN EYES. USE SAFETY EYEWEAR WITH SPLASH GUARDS OR SIDE SHIELDS, CHEMICAL GOGGLES, FACE SHIELDS.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: n/a

MELTING POINT: INFORMATION NOT AVAILABLE

VAPOR PRESSURE: INFORMATION NOT AVAILABLE

VAPOR DENSITY: HEAVIER THAN AIR

SOLUBILITY IN WATER: INSOLUBLE

SPECIFIC GRAVITY: 1.14

pH: INFORMATION NOT AVAILABLE

ODOR: ORGANIC SOLVENT

APPEARANCE: INFORMATION NOT AVAILABLE

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID): STABLE

INCOMPATIBILITY: STRONG ACIDS AND STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION OR COMBUSTION CAN PRODUCE FUMES CONTAINING ORGANIC ACIDS, CARBON DIOXIDE AND CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

11. TOXICOLOGICAL INFORMATION

EYE: INFORMATION NOT AVAILABLE

SKIN: INFORMATION NOT AVAILABLE

Product Name: E2000 part A

Penntek Industrial Coatings, 21034 Heron Way, Suite 104, Lakeville, MN 55044
24-hour Emergency Phone: 1-800-535-5053

INGESTION: INFORMATION NOT AVAILABLE

INHALATION: INFORMATION NOT AVAILABLE

SUBCHRONIC: INFORMATION NOT AVAILABLE

CHRONIC/CARCINOGENICITY: INFORMATION NOT AVAILABLE

TERATOLOGY: INFORMATION NOT AVAILABLE

REPRODUCTION: INFORMATION NOT AVAILABLE

MUTAGENICITY: INFORMATION NOT AVAILABLE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: INFORMATION NOT AVAILABLE

CHEMICAL FATE INFORMATION: MAY CAUSE EYE IRRITATION. DIRECT CONTACT MAY CAUSE REDNESS.

13. DISPOSAL CONSIDERATIONS

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. INCINERATE IN APPROVED FACILITY.

14. TRANSPORT INFORMATION (Not meant to be all inclusive)

US DOT HAZARD CLASS: NOT REGULATED

15. REGULATORY INFORMATION (Not meant to be all inclusive - selected regulations)

U.S. FEDERAL REGULATIONS: INFORMATION NOT AVAILABLE

OSHA: THIS PRODUCT IS CONSIDERED HAZARDOUS UNDER THE OSHA HAZARD COMMUNICATION STANDARD (29CFR 1910.1200).

CERCLA: SARA HAZARD CATEGORY: THIS MATERIAL IS REGULATED UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA) AND THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III SECTION 302. THIS MATERIAL IS OR CONTAINS CHEMICAL(S) LISTED IN 40 CFR TABLE 302.4 OR NONDESIGNATED RCRA ICR SUBSTANCE(S). (NONDESIGNATED ICR SUBSTANCES APPLY TO MATERIALS THAT WILL NOT BE REUSED.) RELEASE IN EXCESS OF ITS REPORTABLE QUANTITY MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER (1-800-424-8802) AND TO THE APPROPRIATE STATE AND LOCAL EMERGENCY RESPONSE ORGANIZATIONS.

SECTION 313: THIS PRODUCT CONTAINS A CHEMICAL WHICH IS LISTED IN SECTION 313

Product Name: E2000 part A

Penntek Industrial Coatings, 21034 Heron Way, Suite 104, Lakeville, MN 55044
24-hour Emergency Phone: 1-800-535-5053

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: INFORMATION NOT AVAILABLE

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): INFORMATION NOT AVAILABLE

EINECS: INFORMATION NOT AVAILABLE

STATE REGULATIONS:

THE CHEMICAL(S) NOTED BELOW AND CONTAINED IN THIS PRODUCT, ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE
CANCER:

VOLATILE ORGANIC COMPOUNDS: INFORMATION NOT AVAILABLE

16. OTHER INFORMATION

MSDS Status: INFORMATION NOT AVAILABLE

THIS DOCUMENT HAS BEEN PREPARED USING DATA FROM SOURCES CONSIDERED TECHNICALLY
RELIABLE. IT DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, AS TO THE
ACCURACY OF THE INFORMATION CONTAINED HEREIN. ACTUAL CONDITIONS OF USE AND
HANDLING ARE BEYOND SELLER'S CONTROL. USER IS RESPONSIBLE TO EVALUATE ALL
AVAILABLE INFORMATION WHEN USING PRODUCT FOR ANY PARTICULAR USE AND TO
COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL AND LOCAL LAWS AND REGULATIONS.

The following boilerplate keys do not have matching boilerplate
key prefixes in the MSDS Master Format file:

CA01
CA02
CI02
CN02
CO02
EF01
ER02
MC01
NP02
OE01
OP01
OP02
SA02
SA03
SJ01
SP02
UF01
VN01
WH01