



MATERIAL SAFETY DATA SHEET

ECLIPSE GOLD™ SEALER

LAST REVISION DATE: 3/3/93

MANUFACTURER:
Pioneer/Eclipse Corp.
Sparta, NC 28675
919-372-8080

FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure, or Accident
CALL CHEMTREC - Day or Night *800-424-9300 Toll Free in the Continental U.S.
*Add long-distance access number if required. 483-7616 in DISTRICT OF COLUMBIA
For calls originating outside the U.S. : 202-483-7616 Washington, DC Collect

SECTION I: GENERAL INFORMATION

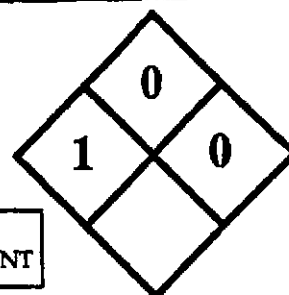
PRODUCT NAME: Eclipse Gold™ Sealer
PRODUCT CLASS: Aqueous acrylic emulsion
U.S. D.O.T. HAZARD CLASS: Non-regulated
PRECAUTIONS: Possible skin and eye irritant. Keep container sealed when not in use.
Keep out of reach of children.
FLAMMABILITY: 0
REACTIVITY: 0
HEALTH: 1

PRODUCT #: 406

CAS#: NE

NFPA HAZARD RATINGS

4- EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT



SECTION II: HAZARDOUS INGREDIENTS

| INGREDIENT | CAS# | % | OSHA PEL (ppm) | ACGIH TLV (ppm) | LD 50 SPECIES & ROUTE |
|--|------------|-----|-------------------------|-------------------------|-----------------------|
| *Ethanol, 2-(2-Butoxyethoxy) | 112-34-5 | 1-3 | NE | NE | NE |
| 2-Propanol, 1-(2-Methoxy-1-Methylethoxy) | 34590-94-8 | 5-8 | 100 (TWA) 150 (STEL) | 100 (TWA) 150 (STEL) | 5.4 g/kg rat, oral |

*This chemical is subject to the reporting requirements of Section 313 of SARA Title III.

NE = Not Established, NL = Not Listed, NA = Not Applicable, (C) = Identified as a Carcinogen by OSHA, IARC, or NTP.

SECTION III: PHYSICAL/CHEMICAL DATA

PHYSICAL STATE: Liquid
BOILING POINT: 100°C/212°F
FREEZING POINT: 0°C/32°F
% VOLATILE BY WEIGHT: 80.0 ± 0.5%
APPEARANCE: Opaque white emulsion
SOLUBILITY IN WATER: Miscible

pH: 7.40 ± 0.25
EVAPORATION RATE: Less than 1 (Water = 1)
VAPOR DENSITY: Less than 1 (Air = 1)
VAPOR PRESSURE (mm Hg): NE
WEIGHT PER GALLON: 8.60 lbs.

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: Non-Combustible

EXPLOSIVE LIMITS:

LOWER: NA UPPER: NA

EXTINGUISHING MEDIA: NA

SPECIAL FIRE FIGHTING PROCEDURES: None

HAZARDOUS COMBUSTIBLE PRODUCTS: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: Materials can splatter above 100°C/212°F. Polymer film can burn.

SECTION V: REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and bases

HAZARDOUS DECOMPOSITION PRODUCTS: NA

REACTIVITY CONDITIONS: None

continued...

SECTION VI: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE/EMERGENCY AND FIRST AID PROCEDURES

EYES: Slightly irritating to eyes. For eye contact, flush with a large amount of water for at least 15 minutes. See a physician if irritation persists.

SKIN: Irritating to skin upon repeated or prolonged contact. For skin contact, wash affected areas with soap and water.

INHALATION: Vapor or mist can cause headache, nausea, and irritation of the eyes, nose, throat, and lungs. For overexposure, move subject to fresh air.

INGESTION: Irritation to mouth, esophagus, and stomach. If ingested, drink several glasses of water and induce vomiting. Seek medical attention.

CHRONIC EFFECTS AND MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: Prolonged or repeated contact can cause drying, defatting and dermatitis to skin.

CARCINOGEN: Non-Carcinogenic

REPRODUCTIVE EFFECTS: NE

TERATOGENICITY: NE

MUTAGENICITY: NE

THRESHOLD LIMIT VALUE: See Section II.

SECTION VII: SPILL, LEAK, AND DISPOSAL PROCEDURES

SMALL SPILLS: Absorb spill on inert material (E.G. sand, earth) and dispose of as waste material in accordance with local, state, and federal law.

LARGE SPILLS: Keep spectators away. Floors may be slippery; use care to avoid falling. Dike and contain spill with inert material (E.G. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep spills and cleaning runoff out of sewers and open bodies of water.

WASTE DISPOSAL: Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant liquid and flush to a chemical sewer or drum liquid waste and turn it over to a licensed hazardous waste disposal facility for disposal, landfill, or incinerate the solids and the contaminated diking material according to local, state, and federal regulations.

SECTION VIII: SPECIAL PROTECTION

EYE PROTECTION: Chemical splash goggles (ANSI Z87.1 or approved equivalent).

RESPIRATORY PROTECTION: None required when permissible airborne concentrations are not exceeded. In emergency, use approved positive pressure self-contained breathing device.

VENTILATION: Mechanical local exhaust ventilation at point of contamination release.

OTHER PROTECTIVE EQUIPMENT: As required by employer code.

SECTION IX: SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Storage temperature (MAX. 60°C/140°F) (MIN. 1°C/34°F).

OTHER PRECAUTIONS: Keep from freezing, product may coagulate.

SECTION X: ADDITIONAL INFORMATION

Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issued or pending which may be the property of the manufacturer or others. The information in this data sheet has been assembled by the manufacturer based on its own studies and the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein, the manufacturer shall not be liable (regardless of fault) or the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy, or furnishing of such information.

PREPARED BY: WARREN W. WEAVER
TITLE: DIRECTOR, CHEMICAL DIVISION
DATE: 3/3/93

This MSDS has been provided you in accordance with the OSHA HAZARD COMMUNICATION STANDARD (29CFR 1910.1200)

IMPORTANT SAFETY INFORMATION - DO NOT DISCARD
PLEASE ROUTE TO COMPANY SAFETY OFFICER

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