



Material Safety Data Sheet

Product Identity (Trade Name As It Appears On Label) : Enamelite LLC **AEROpaque Bonding Liquid**
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|--|---|
| Manufacturer-Ceragroup Industries, Inc. | MSDS Number* |
| Address-1395 NW 17th Ave. Ste 109 Delray Beach FL. 33445 | CAS Number* |
| Phone Number (for Information) 1-561-278-8808 | Date Prepared : December 6, 2001 |
| Emergency Phone Number – 1-561-278-8808 | Prepared By * |

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that, * = Optional, N.E= Not Established, N.A= Not Applicable.

SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION

| COMPONENTS- Chemical Name & Common Names | CAS N° | Weight % | OSHA PEL | ACGIH TLV | Other Limits Recommended |
|--|-----------|----------|----------|-----------|--------------------------|
| Dyethylene glycol | 111-46-6 | 0-70 | - | 10mg/m | Flammable |
| 1,2,3-Propanetriol | 56-81-5 | 0-20 | - | 10mg/m | Flammable. |
| Water | 7732-18-5 | 0-30 | - | - | - |
| Sodium and Potassium Aluminosilicate | 1332-58-7 | 0-10 | | | |
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SECTION 2 – PHYSICAL AND CHEMICAL CHARACTERISTICS

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| BOILING POINT : 220°C | SPECIFIC GRAVITY : (H ₂ O = 1): Approx 1.98 |
| VAPOR PRESSURE : Not available | MELTING POINT : Not applicable |
| VAPOR DENSITY : Not available | EVAPORATION RATE : (_____) : Not applicable |
| SOLUBILITY IN H₂O : soluble | WATER REACTIVE : No reactive |
| APPEARANCE AND ORDOR : Clear liquid without odor | |

SECTION 3 – FIRE AND EXPLOSION HAZARD DATA

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|--|--|------------------------------|--|
| FLASH POINT AND METHOD USED : Not available | AUTO-IGNITION TEMPERATURE : Not available | | |
| FLAMMABILITY LIMITS IN AIR % BY VOLUME : Not available | LEL : : Not available | UEL : : Not available | |
| EXTINGUISHING MEDIA : Dry chemical, carbon dioxide, alcohol or polymer foam | | | |
| SPECIAL FIRE FIGHTING PROCEDURES : : Not available | | | |
| UNUSUAL FIRE EXPLOSION HAZARDS : : Not available | | | |

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SECTION 4 – REACTIVITY HAZARD DATA

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|--|--|
| STABILITY : Stable | CONDITIONS TO AVOID : None known at this time |
| HAZARDOUS POLYMERIZATION: Will not occur | CONDITIONS TO AVOID : None known at this time |
| INCOMPATIBILITY (Materials to avoid): Strong oxidizing or reducing agents | |
| HAZARDOUS DECOMPOSITION : None known at this time | |

SECTION 5 – HEALTH HAZARD DATA

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|---|---|
| PRIMARY ROUTES OF ENTRY : INHALATION _____ INGESTION _____ SKIN ABSORPTION <u> X </u> NOT HAZARDOUS | CARCINOGEN LISTED IN : Not a known carcinogen IARC <u> N.A </u> NOT LISTED <u> N.A </u> |
| HEALTH HAZARDS : | ACUTE: Respiratory irritation |
| HEALTH HAZARDS : | CHRONIC : Possible respiratory problems |
| SIGNS AND SYMPTOMS OF EXPOSURE: Cough, Dyspnea, Wheezing, Impaired pulmonary functions and progressive symptoms. | |
| MEDICAL CONDITIONS GENERALLY AGRAVATED BY EXPOSURE : Any respiratory ailment | |

EMERGENCY FIRST AND PROCEDURES – Seek medical assistance for future treatment, observation and support.

EYE CONTACT :
Irrigate immediately with large amounts of fresh water. If irritation occurs, contact a physician immediately

SKIN CONTACT : Wash thoroughly

INHALATION : None

INGESTION: Consult a physician.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION : OSHA approved dust mist respirator

PROTECTIVE GLOVES: not applicable

EYE PROTECTION : OSHA approved safety goggles

VENTILATION LOCAL EXHAUST X
MECHANICAL (General) _____ OTHER (Specify) Well ventilated area .

OTHER PROTECTIVE EQUIPMENT OR CLOTHING : Protective garment to keep dust from clothes

SECTION 7 – SPILLAGE, HANDLING AND DISPOSAL PROCEDURES

MATERIAL SPILLAGE OR ACCIDENTAL RELEASE : Handle as normal liquid waste.

WASTE DISPOSAL METHODS : Scoop up waste and place in appropriately marked container. Consult EPA, State and Local laws for disposal.

HANDLING AND STORAGE PRECAUTIONS: Store at room temperature in appropriate containers.

SPECIAL HAZARDS OR PRECAUTIONS: Avoid conditions that may result in dispersion to streams or waters. Components may emit fumes under fire conditions.

NFPA RATING: * Health 1 Flammability 1 Reactivity 0

HMIS RATING : * Health _____ Flammability _____ Reactivity _____

SECTION 8 – FURTHER INFORMATION

This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information. Therefor , we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.