

MATERIAL SAFETY DATA SHEET

Novolac Primer
Product No. 8142-8212
All Colors

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufactured For: Gabriel First Corp.
Emergency Phone: 800-424-9300
Address: 233 W. Commercial St.
East Rochester, NY 14445
Product Name: Novolac Primer **Part**
A Prepared On: **8/29/2013**

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>INGREDIENT</u> | <u>CAS NO.</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>OSHA STEL</u> | <u>WEIGHT %</u> |
|--------------------------------------------------|----------------|-----------------|------------------|------------------|-----------------|
| Phenol-Formaldehyde Polymer, Glycidyl Ether | 28064-14-4 | NONE | NONE | NONE | |
| Bisphenol F / Epichlorohydrin Epoxy Resin | 9003-36-5 | NONE | NONE | NONE | |
| Reaction Products of Epichlorohydrin-Bisphenol A | 25068-38-6 | NONE | NONE | NONE | |
| PIGMENT NON HAZARDOUS IN LIQUID FORM | | 10mg/m3 | 10mg/m3 | 5mg/m3 | |
| PROPYLENE GLYCOL MONOMETHYL ETHER | 107-98-2 | 100PPM | 100PPM | 150PPM | |
| PROPRIETARY NON HAZARDOUS ADDITIVES | UNKNOWN | NONE | NONE | NONE | |
| STODDARD SOLVENT | 8052-41-3 | 100PPM | 100PPM | NONE | |
| 1- METHOXY-2- PROPANOL ACETATE | 108-65-6 | NONE | NONE | NONE | |
| PROPRIETARY ADDITIVE LESS THAN 1% OF MIXTURE | | NONE | NONE | NONE | |
| Carbon black | 1333-86-4 | 3.5 ppm | 3.5 ppm | none | |

SECTION 2 NOTES: *No toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: LOW VISCOSITY LIQUID VARYING COLORS
BOILING POINT OR RANGE: 200 TO 392F
VAPOR DENSITY (AIR = 1): Not available
SPECIFIC GRAVITY (H2O = 1): 1.2
EVAPORATION RATE: not available
SOLUBILITY IN WATER: NEGLIGIBLE

SECTION 4: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: not available
(% by volume) LOWER: not available
FLASH POINT: 89+F
METHOD USED:
SETA FLASH
EXTINGUISHING MEDIA:
FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL,
SPECIAL FIRE FIGHTING PROCEDURES:
DO NOT ENTER CONFINED FIRE AREA WITHOUT FULL BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL ALL FIRE EXPOSED CONTAINERS WITH WATER. PRESENCE OF SOLVENTS IN PRODUCT MAY REQUIRE GROUNDING.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
IF FIRE OCCURS, SOLVENTS MAY PRODUCE EXCESSIVE PRESSURE. SEALED DRUMS MAY RUPTURE AND IGNITE. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND AND IGNITE BY ANY SOURCE OF IGNITION. NEVER USE A CUTTING OR WELDING TORCH NEAR CONTAINERS (EVEN EMPTY). ALL 5 GALLON AND LARGER CONTAINERS SHOULD BE GROUNDED BEFORE TRANSFERRING MATERIAL.

SECTION 5: STABILITY AND REACTIVITY

STABILITY:
STABLE
CONDITIONS TO AVOID (STABILITY):
AVOID EXCESSIVE HEAT OR OPEN FLAMES AS WELL AS ALL SOURCES OF IGNITION SUCH AS SPARKS, HEATERS, STATIC DISCHARGES ETC..
INCOMPATIBILITY (MATERIAL TO AVOID):
AVOID AMINE CURING AGENTS IN UNCONTROLLED AMOUNTS AND STRONG OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:
MAY FORM TOXIC CHEMICALS, CARBON DIOXIDE, CARBON MONOXIDE AND VARIOUS HYDROCARBONS ETC..
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

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SECTION 6: HAZARDS IDENTIFICATION

HMIS HAZARD CLASSIFICATION

HEALTH: 2 FLAMMIBILITY: 3 REACTIVITY: 0 PERSONAL PROTECTIVE EQUIPMENT: G

POTENTIAL HEALTH EFFECTS

EYES:

CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING OR BLURRED VISION.

SKIN:

MAY CAUSE IRRITATION, DEFATTING AND DERMATITIS.

INGESTION:

CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA AND ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

INHALATION:

CAN CAUSE NAUSEA AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE AND POSSIBLE UNCONSCIOUSNESS

HEALTH HAZARDS (ACUTE AND CHRONIC):

EPOXY RESINS CAN CAUSE SENSITIZATION BY EXPOSURE THROUGH CONTACT OR HIGH CONCENTRATION OF VAPOR. OVER-EXPOSURE TO THIS MATERIAL CAN CAUSE CARDIAC ABNORMALITIES, ANEMIA, LIVER ABNORMALITIES, KIDNEY DAMAGE OR EVEN EYE DAMAGE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

RESPIRATORY CONDITIONS OR OTHER ALLERGIC AILMENTS

CARCINOGENICITY

OSHA: NO NTP: NO IARC: yes

ADDITIONAL CARCINOGENICITY INFORMATION:

Some colors may contain carbon black - Explanation Of Carcinogenicity: IARC MONOGRAPHS ON EVALUATION OF CARCINOGENIC RISK OF CHEMICALS TO MAN, VOL 65, PG 149, 1996: GROUP 2B.

SECTION 7: FIRST AID MEASURES

EYES:

FLUSH EYES WITH WATER FOR AT LEAST FIFTEEN MINUTES AND CONSULT A PHYSICIAN.

SKIN:

SKIN CONTACT WILL NORMALLY CAUSE NO MORE THAN IRRITATION BUT WASH AFFECTED AREA WITH SOAP AND WATER AND REMOVE CONTAMINATED CLOTHING PROMPTLY.

INGESTION:

DO NOT INDUCE VOMITING, KEEP PERSON WARM AND CONSULT A PHYSICIAN IMMEDIATELY.

INHALATION:

REMOVE VICTIM TO FRESH AIR AND ADMINISTER OXYGEN IF NECESSARY. OBTAIN MEDICAL ATTENTION.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 8: RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WEAR RESPIRATOR AND PROTECTIVE CLOTHING. REMOVE ALL SOURCES OF IGNITIONS. REMOVE EXCESS WITH VACUUM TRUCK AND TAKE UP THE REMAINDER WITH AN ABSORBANT SUCH AS CLAY AND PLACE IN DISPOSAL CONTAINERS. FLUSH AREA WITH WATER TO REMOVE RESIDUE.

SECTION 9: WASTE DISPOSAL

WASTE DISPOSAL METHOD:

DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS.

SECTION 10: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

STORE IN A COOL DRY PLACE. SEAL ALL PARTIALLY USED CONTAINERS. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. MIXED MATERIALS CONTAIN THE HAZARDS OF ALL THE COMPONENTS, THEREFORE, READ THE MSDS'S OF ALL THE COMPONENTS PRIOR TO USING MATERIAL. PROPERLY LABEL ALL CONTAINERS. KEEP MATERIAL AWAY FROM ALL SOURCES OF IGNITION.

OTHER PRECAUTIONS:

AVOID ALL SKIN CONTACT. AVOID BREATHING VAPORS GENERATED FROM THE MATERIAL. OBSERVE CONDITIONS OF GOOD GENERAL HYGIENE AND SAFE WORKING PRACTICES. CONTAMINATED LEATHER ARTICLES CAN NOT BE CLEANED AND MUST BE DISCARDED IF CONTAMINATED WITH THIS PRODUCT. WASH ALL CONTAMINATED CLOTHING PRIOR TO THE REUSE THEREOF.

WEAR APPROPRIATE SAFETY EQUIPMENT AND RESPIRATOR AT ALL TIMES WHEN VENTILATION IS NOT SUFFICIENT TO CONTROL VAPORS.

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SECTION 11: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

USE A NIOSH APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVER EXPOSURE TO VAPOR IN ACCORDANCE WITH 29 CFR 1910.134. ENGINEERING OR ADMINISTRATIVE MEASURES SHOULD BE TAKEN TO REDUCE THE RISK AND EXPOSURE.

VENTILATION:

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TOXIC LEVEL VALUES.

PROTECTIVE GLOVES:

IMPERVIOUS GLOVES – NEOPRENE OR RUBBER

EYE PROTECTION:

SPLASH GOGGLES OR GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WEAR BODY COVERING CLOTHING AND OTHER COVERINGS AS NECESSARY SUCH AS APRON AND APPROPRIATE FOOTWEAR TO AVOID CONTACT WITH MATERIAL.

WORK HYGIENIC PRACTICES:

OBSERVE GOOD GENERAL HYGENIC PRACTICES.

SECTION 12: DISCLAIMER

DISCLAIMER: The information Contained herein is based on the data available and is believed to be accurate, However, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.

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Prepared On: 01/01/2011

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|---------------------------------------------------------------------------------------------------|----------------|-----------------|------------------|------------------|-----------------|
| BENZYL ALCOHOL | 100-51-6 | NONE | NONE | NONE | |
| METHYLENEDI (CYCLOHEXYLAMINE) | 1761-71-3 | NONE | NONE | NONE | |
| 3-Aminomethyl -3,5,5-Trimethyl Cyclohexane cyclohexanamine, 4,4-methylenebis reaction products | 2855-13-2 | NONE | NONE | NONE | |
| 2-Hydroxybenzoic Acid | 129733-57-9 | NONE | NONE | NONE | |
| PROPYLENE GLYCOL MONOMETHYL ETHER | 69-72-7 | NONE | NONE | NONE | |
| | 107-98-2 | 100PPM | 100PPM | 150PPM | |

***No toxic chemical (s) subject to the reporting requirements of section 313 Title III and of 40. ***

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: LOW VISCOSITY LIQUID – AMBER CLEAR/SOLVENT ODOR
BOILING POINT OR RANGE: 243 TO 477 F
VAPOR DENSITY (AIR = 1): not available
SPECIFIC GRAVITY (H2O = 1): 1.0
EVAPORATION RATE: not available
SOLUBILITY IN WATER: negligible

SECTION 4: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: not available
(% BY VOLUME) LOWER: not available
FLASH POINT: 90F
METHOD USED:
Seta Flash
EXTINGUISHING MEDIA:
FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES:
DO NOT ENTER CONFINED FIRE AREA WITHOUT FULL BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL ALL FIRE EXPOSED CONTAINERS WITH WATER. PRESENCE OF SOLVENTS IN PRODUCT MAY REQUIRE GROUNDING.
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RESPIRATORY CONDITIONS OR OTHER ALLERGIC RESPONSE.

CARCINOGENICITY

OSHA: NO NTP: NO IARC: NO

NO LISTED INGREDIENTS OF THIS PRODUCT ARE REGULATED AS CARCINOGENS.

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EYES:

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