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**MATERIAL SAFETY DATA SHEET**

Product No.: TL220R

SECTION I - XVI

**SECTION I - PRODUCT & COMPANY IDENTIFICATION**

BLOME TL220 RESIN

MANUFACTURER: BLOME INTERNATIONAL  
1450 HOFF INDUSTRIAL DRIVE  
OFALLON, MO 63366

PHONE NO.: 636-379-9119

EMERGENCY PHONE NUMBER: (800)-424-9300

MSDS ISSUE DATE: 03/06/01

**SECTION II - INGREDIENTS/HAZARD INFORMATION**

VINYL ESTER RESIN

\* CAS No.: 36425-15-7 Percent By Weight: 40 To 45 LEL: NA UEL: NA  
OSHA PEL: NE ppm NE mg/M3 TWA ACGIH TLV: NE ppm NE mg/M3 TWA  
LD50: NA LC50: NA V.P.(1) 7  
Listed On(2) a: N b: N c: N d: Y e: N f: N g: N h: N

AMORPHOUS SILICA

\* CAS No.: 63997-17-3 Percent By Weight: 30 To 35 LEL: NA UEL: NA  
OSHA PEL: NA ppm 10 mg/M3 TWA ACGIH TLV: NA ppm 10 mg/M3 TWA  
LD50: NA LC50: NA V.P.(1) None  
Listed On(2) a: N b: N c: N d: Y e: N f: N g: N h: N  
Contains no free silica.

STYRENE

\* CAS No.: 100-42-5 Percent By Weight: 15 To 20 LEL: 0.9 UEL: 6.8  
OSHA PEL: 50 ppm NA mg/M3 TWA ACGIH TLV: 50 ppm NA mg/M3 TWA  
LD50: >2000 mg/kg Skin LC50: NA V.P.(1) 4.5  
Listed On(2) a: N b: Y c: Y d: Y e: N f: Y g: Y h: Y  
100 ppm STEL Skin Potential Carcinogen CERCLA 1000 LBS

AMORPHOUS SILICA

\* CAS No.: 112926-00-8 Percent By Weight: 1 To 5 LEL: NA UEL: NA  
OSHA PEL: NA ppm 6 mg/M3 TWA ACGIH TLV: NA ppm 10 mg/M3 TWA  
LD50: NA LC50: NA V.P.(1) NA  
Listed On(2) a: N b: N c: N d: Y e: N f: N g: N h: N  
Contains no free crystalline silica.

\* Defined as hazardous per 29 CFR 1910.1200 \*\* Indicates Active Ingredient

(1) Vapor Pressure In mm Hg

(2) a = SARA 302/304 b = SARA 313 c = CERCLA 103(a) d = TSCA e = NTP Carcinogen f = IARC Carcinogen  
g = California Prop. 65 h = OSHA Carcinogen

NOTE: Multi-component products when mixed will have the cumulative hazards of all components.

**SECTION III - HAZARD IDENTIFICATION****EFFECTS OF OVEREXPOSURE - ACUTE:**

Breathing: Irritation of the respiratory tract; may affect the brain or nervous system causing dizziness, headache, nausea, weakness and fatigue.  
Extreme exposure can result in unconsciousness and even respiratory arrest. Excessive vapor concentrations are attainable and could be hazardous on single exposure.

WARNING: Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Eye or Skin Contact: Causes eye and skin irritation.

Repeated exposure may cause skin burns.

Swallowing: Can cause stomach and/or intestinal irritation, nausea, vomiting and diarrhea. Aspiration of vomitus can cause chemical pneumonitis, which can be fatal.

CHRONIC: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Prolonged and repeated breathing of spray mist and/or sanding dust over a period of years may cause dust disease of the lungs. Repeated excessive exposures to high amounts may cause central nervous system, liver, kidney effects and respiratory or eye irritation.

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## MATERIAL SAFETY DATA SHEET

Product No.: (VE)CURE1

SECTION I - XVI

## SECTION I - PRODUCT &amp; COMPANY IDENTIFICATION

VE CATALYST EC200, EC200/DM, TL220, TL220-S, TL280, CP300, TL400, TL405, 205P  
MANUFACTURER: BLOME INTERNATIONAL PHONE NO.: 636-379-9119  
1450 HOFF INDUSTRIAL DRIVE  
O'FALLON, MO 63366  
EMERGENCY PHONE NUMBER: (800)-424-9300 MSDS ISSUE DATE: 03/06/01

## SECTION II - INGREDIENTS/HAZARD INFORMATION

## CUMENE HYDROPEROXIDE

\* CAS No.: 80-15-9 Percent By Weight: 85 To 90 LEL: NA UEL: NA  
OSHA PEL: NE ppm NE mg/M3 TWA ACGIH TLV: NE ppm NE mg/M3 TWA  
LD50: NA LC50: NA V.P.(1) 1  
Listed On(2) a: N b: N c: N d: Y e: N f: N g: N h: N  
CAUSES EYE AND SKIN BURNS. MAY CAUSE ALLERGIC SKIN REACTION

## CUMYL ALCOHOL

\* CAS No.: 617-94-7 Percent By Weight: 5 To 10 LEL: NA UEL: NA  
OSHA PEL: NE ppm NE mg/M3 TWA ACGIH TLV: NE ppm NE mg/M3 TWA  
LD50: 1300 ORAL 4300 SKIN LC50: NE V.P.(1) 1  
Listed On(2) a: N b: N c: N d: Y e: N f: N g: N h: N  
EYE IRRITANT

## CUMENE

\* CAS No.: 98-82-8 Percent By Weight: 1 To 5 LEL: NA UEL: NA  
OSHA PEL: 50skin ppm NE mg/M3 TWA ACGIH TLV: 50skin ppm NE mg/M3 TWA  
LD50: 2700 MG/KG LC50: 30 MG/L @4 HOURS V.P.(1) 1  
Listed On(2) a: N b: Y c: N d: Y e: N f: N g: N h: N  
PENN RTN LIST

## ACETOPHENONE

\* CAS No.: 98-86-2 Percent By Weight: 1 To 5 LEL: NA UEL: NA  
OSHA PEL: NE ppm NE mg/M3 TWA ACGIH TLV: 10 ppm NE mg/M3 TWA  
LD50: 815 ORAL 15,900 SKIN LC50: 1.2 MG/L 4HOURS V.P.(1) 1  
Listed On(2) a: N b: Y c: N d: Y e: N f: N g: N h: N

\* Defined as hazardous per 29 CFR 1910.1200 \*\* Indicates Active Ingredient

(1) Vapor Pressure In mm Hg

(2) a = SARA 302/304 b = SARA 313 c = CERCLA 103(a) d = TSCA e = NTP Carcinogen f = IARC Carcinogen  
g = California Prop. 65 h = OSHA Carcinogen

NOTE: Multi-component products when mixed will have the cumulative hazards of all components.

## SECTION III - HAZARD IDENTIFICATION

## EFFECTS OF OVEREXPOSURE - ACUTE:

Breathing: May cause respiratory tract irritation.

Eye Contact: Causes eye burns. May cause blindness.

Skin Contact: Causes skin burns. Harmful if absorbed through the skin. May cause allergic skin reaction.

Swallowing: May cause severe irritation and injury to the mouth, throat and digestive tract, and CNS effects as noted in Potential Health Effects.

Swallowing: Can cause stomach and/or intestinal irritation, nausea, vomiting and diarrhea. Aspiration of vomitus can cause chemical pneumonitis, which can be fatal.

CHRONIC: Prolonged or repeated contact may dry skin and cause irritation.

POTENTIAL HEALTH EFFECTS: Inhalation and skin contact are expected to be the primary routes of occupational exposure. The major component is corrosive to eyes and skin. Exposure to the high vapor concentrations may result in respiratory distress, dermatitis, central nervous system effects such as shaking, incoordination, CNS depression and dizziness and drowsiness, and in severe exposures, loss of

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## MATERIAL SAFETY DATA SHEET

Product No.: VECURE1

SECTION I - XVI

## SECTION III - HAZARD IDENTIFICATION Con't.

consciousness and death. The product is considered to be moderately toxic after ingestion or aspiration.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** If you are allergic or have been sensitized to: epoxies, amines, isocyanates, detergents, or other chemicals see a physician prior to use. If none of these conditions exist and you use the product in accordance with the Safe Handling and Use Information (Sections VII and VIII) you should expect no mild medical conditions to be aggravated.

**ROUTE(S) OF ENTRY:** (X)SKIN (X)BREATHING (X)SWALLOWING

## SECTION IV - FIRST AID MEASURES

**IF BREATHED:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, summon medical assistance immediately. If breathing ceases, restore using approved CPR techniques and summon medical assistance immediately.

**IF IN EYES:** In case of eye contact, flush with large amounts of water for at least 15 minutes. Get medical assistance. Contact a poison control center and or medical center immediately.

**IF ON SKIN:** In case of skin contact, wash area thoroughly with soap and water. Remove soiled clothing. Get medical assistance if irritation persists.

**IF SWALLOWED:** DO NOT INDUCE VOMITING. Consult physician immediately. Aspiration of vomitus can cause chemical pneumonitis which can be fatal.

## SECTION V - FIRE FIGHTING MEASURES

**FLAMMABILITY CLASSIFICATION:** FLASH POINT: 133 °F Setflash  
OSHA 29 CFR - 1910.106(a)  
Parts 18-19

Combustible Liquid - Class II Combustible (FHSA)

**EXTINGUISHING MEDIA:** In case of fire, use CO<sub>2</sub>, Dry Chemical, Foam or other National Fire Protection Association (NFPA) approved method for treating a Class B Fire. **EXPLOSION HAZARD** fight fire from protected location. Exposure of material to temperatures exceeding SADT (Section X) may result in self acceleration decomposition reaction with release of flammable vapors which may autoignite.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep containers tightly closed. Isolate from heat and flame. Due to pressure build-up, closed containers exposed to extreme heat may explode. Never use a welding or cutting torch on or near container (even empty) as product or its residue may ignite. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**SPECIAL FIRE FIGHTING PROCEDURES:** Summon professional firefighters. Use full protective equipment including self-contained breathing apparatus. Water spray may be ineffective. If water is used, fog nozzles are preferable. If exposed to fire or extreme heat, water should be used to cool closed containers and prevent pressure build-up or possible auto-ignition.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

Absorb liquid with soda ash. Sweep or scoop up material using non-sparking tools. DO NOT USE VERMICULITE. Store in safe area see Section VII. Dispose of in accordance with local and State Laws.

## SECTION VII - HANDLING AND STORAGE

Keep away from heat and flame. Do not smoke. Prevent build-up of vapors by maintaining continuous flow of fresh air.

**Handling:** Do not get in eyes, on skin or on clothing. Do not taste or swallow. Avoid breathing vapor or mist. Wash thoroughly after handling. Use only with adequate ventilation. Keep cool see Section X for storage temperatures. Keep away from heat sparks and flame. Use explosion proof equipment.

**Storage:** store below 100F to maintain active oxygen content. See Section X. Detached storage is preferred. Avoid excessive heat and store out of direct sunlight in a cool well-ventilated place. Store away from combustibles and incompatible materials.

Keep out of reach of children.

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## MATERIAL SAFETY DATA SHEET

Product No.: VECURE1

SECTION I - XVI

## SECTION VIII - PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** All workers and bystanders must be protected from exposure above Section II limits. Avoid breathing vapors, spray mist or sanding dust. Application by brush, roller, squeegee, or trowel will result in the lowest release of hazardous materials. When spray applied in outdoor or open areas with unrestricted ventilation, and during sanding or grinding operations, use NIOSH/MSHA approved mechanical filter respirator to remove solid airborne particles of over spray or sanding dust. When used in restricted areas, wear NIOSH/MSHA approved chemical/mechanical filters designed to remove a combination of particulates and vapor. When used in confined areas, wear NIOSH/MSHA approved air supply respirators or hoods. Use NIOSH/MSHA approved respirators when flame cutting, welding, brazing and sanding material coated with this product. The fumes from these operations can be hazardous. Do not breathe them. Always use adequate ventilation. Whenever using respirators refer to OSHA 1910.134 for proper respirator use and safety program. The applicator determines the type of area in which the application is being made (unrestricted, restricted, or confined). The best determination of respirator type to use in a particular application is to monitor for the hazardous materials during actual application. The applicator should contact a qualified safety engineer for proper selection of safety equipment based on the application conditions.

**VENTILATION:** Use only with adequate ventilation. Provide general dilution or local exhaust ventilation in volume and pattern to keep air contaminant concentration below current applicable safety and health standards in the mixing, application and curing areas, and to remove sanding dusts of dried coating and decomposition product during welding and flame cutting on surfaces coated with this product. Heavy solvent vapors should be removed from lower levels of the work area and all ignition sources should be eliminated. **BYSTANDERS:** Applicator should insure that fumes or spray mists do not drift into areas where bystanders are likely to be during the application period by keeping bystanders sufficiently away from the work area to insure no exposure and by using adequate ventilation when necessary. Caution should be used to insure that vapors do not collect in off hours. Anyone entering the work area should be properly protected and instructed. **EXPLOSION PROOF VENTILATION:** Only explosion proof ventilation equipment should be used to provide adequate ventilation unless the flash point of the mixed product is a minimum of 40 degrees F above the ambient temperature and the coated surface temperature. Do not apply to surfaces over 130 degrees F surface temperature.

**PROTECTIVE GLOVES:** Do not get on skin. Solvent impermeable gloves to prevent contact are recommended.

**EYE PROTECTION:** Do not get in eyes. Solvent resistant safety eyewear with splash guards or sideshields is recommended to prevent contact.

**OTHER PROTECTIVE EQUIPMENT:** Do not get on skin. Solvent impermeable clothing and boots to prevent contact are recommended.

**HYGIENIC PRACTICES:** Remove and wash soiled clothing before reuse. Wash hands before eating, smoking or using the washroom. Remove any contaminated clothing and clean before reuse. Shoes and boots if contaminated must be replaced.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**WATER SOLUBILITY:** Negligible.

**ODOR:** Characteristic of solvents listed in SECTION II.

**WEIGHT PER GALLON:** 8.00 Pounds

**PERCENT VOLATILE BY VOLUME:** 0.00

**EVAPORATION RATE:** ( )Faster (X)Slower Than Ether

**BOILING RANGE:** NA

**VAPOR DENSITY:** (X)Heavier ( )Lighter Than Air -

## SECTION X - STABILITY AND REACTIVITY

**STABILITY:** (X)UNSTABLE this material is chemically unstable and should only be handled under specific conditions. See other parts of this msds.

**INCOMPATIBILITY:** Contamination with foreign materials such as strong acids (esp. mineral acids), strong oxidizers, reducing agents, transition metal salts/ions, and reaction accelerators may result in a violent self acceleration decomposition reaction. Explosion. Do not contact with copper, iron, rust, aluminum, zinc and vermiculite.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Phenol, acetone and flammable vapors which may autoignite if a violent decomposition occurs.

**HAZARDOUS POLYMERIZATION:** ( )MAY OCCUR (X)WILL NOT OCCUR.

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## MATERIAL SAFETY DATA SHEET

Product No.: VECURE1

SECTION I - XVI

## SECTION X - STABILITY AND REACTIVITY Con't.

MIXED PRODUCT SHOULD NOT BE KEPT IN QUANTITIES GREATER THAN 3 LBS WEIGHT (approx. 1 QUART VOLUME LONGER THAN 25 TO 35 MINUTES. The product reacts quickly when in large mixed masses and develops heat quickly. It is possible for the mass to reach decomposition temperatures and give off dangerous gasses. ALWAYS pour the material out in thin thickness ( 1/4 inch or less) to avoid the mass reaction. SADT: Self Acceleration Decomposition Temperature. Lowest temperature at which the tested package size will undergo a self accelerating decomposition reaction. The SADT is inversely proportion to package size. Larger packages will have a lower SADT due to a smaller ratio of heat transfer area to volume of product.  
SADT IS 180 F FOR A FIVE GALLON PAIL.

## SECTION XI - TOXICOLOGICAL INFORMATION

No information available.

## SECTION XII - ECOLOGICAL INFORMATION

No information available.

## SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations. Incinerate only in approved facility. Do not incinerate closed containers.

## SECTION XIV - TRANSPORTATION INFORMATION

DOT CLASS: Organic Peroxide Type F, Liquid (Cumyl Hydroperoxide <=90%), 5.2,8, UN3109, pgII

## SECTION XV - REGULATORY INFORMATION

This product contains 0.00 pounds per gallon ( 0 grams/liter) volatile organic compounds. The VOC less water and exempt solvents is 0.00 lbs./gal. ( 0 gms./L.)

This product may contain chemicals as contaminants which are known to the state of California to cause cancer, birth defects or other reproductive harm.

## SECTION XVI - OTHER INFORMATION

HMIS RATING: (H)ealth 2 (F)lammability 2 (R)eactivity 4

The information contained herein is based on data believed by BLOME INTERNATIONAL to be accurate, but we do not assume any liability for the accuracy of this information. We neither suggest nor guarantee that any hazards mentioned are the only ones which exist. Anyone intending to rely on any recommendation or to use any equipment, technique or material mentioned should also satisfy himself that he can meet all applicable safety and health standards.

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**MATERIAL SAFETY DATA SHEET****Product No.: TL220R****SECTION I - XVI****SECTION III - HAZARD IDENTIFICATION Con't.**

Repeated excessive exposures to smaller amounts may cause central nervous system effects and respiratory or eye irritation.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** If you are allergic or have been sensitized to: epoxies, amines, isocyanates, detergents, or other chemicals see a physician prior to use. If none of these conditions exist and you use the product in accordance with the Safe Handling and Use Information (Sections VII and VIII) you should expect no mild medical conditions to be aggravated.

**ROUTE(S) OF ENTRY:** (X)SKIN (X)BREATHING (X)SWALLOWING

**SECTION IV - FIRST AID MEASURES**

**IF BREATHED:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, summon medical assistance immediately. If breathing ceases, restore using approved CPR techniques and summon medical assistance immediately.

**IF IN EYES:** In case of eye contact, flush with large amounts of water for at least 15 minutes. Get medical assistance.

**IF ON SKIN:** In case of skin contact, wash area thoroughly with soap and water. Remove soiled clothing. Get medical assistance if irritation persists.

**IF SWALLOWED:** DO NOT INDUCE VOMITING. Consult physician immediately. Aspiration of vomitus can cause chemical pneumonitis which can be fatal.

**SECTION V - FIRE FIGHTING MEASURES**

**FLAMMABILITY CLASSIFICATION:** FLASH POINT: 74 °F Setflash  
OSHA 29 CFR - 1910.106(a)  
Parts 18-19

Flammable Liquid - Class 1(C) Flammable (FHSA)

**EXTINGUISHING MEDIA:** In case of fire, use CO2, Dry Chemical, Foam or other National Fire Protection Association (NFPA) approved method for treating a Class B Fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep containers tightly closed. Isolate from heat and flame. Due to pressure build-up, closed containers exposed to extreme heat may explode. Never use a welding or cutting torch on or near container (even empty) as product or its residue may ignite. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**SPECIAL FIRE FIGHTING PROCEDURES:** Summon professional firefighters. Use full protective equipment including self-contained breathing apparatus. Water spray may be ineffective. If water is used, fog nozzles are preferable. If exposed to fire or extreme heat, water should be used to cool closed containers and prevent pressure build-up or possible auto-ignition.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

Remove all sources of ignition (flames, hot surfaces, and electrical, static or frictional sparks). Do not smoke. Avoid breathing vapors. Before attempting clean-up refer to hazard caution information in other sections of this material safety data form. Ventilate area. Contain spilled material and remove with inert absorbent and non-sparking tools. Store in closed containers until properly disposed of.

**SECTION VII - HANDLING AND STORAGE**

Keep away from heat, sparks and flame. Do not smoke. Extinguish all pilot lights and turn off all sources of ignition including heaters, fans and other non-explosion-proof electrical equipment, during use and until all vapors are gone. Vapors may ignite explosively or cause flash fire.

Vapors may spread long distances and beyond closed doors. Prevent build-up of vapors by maintaining continuous flow of fresh air.

**DANGER:** Flammable liquid and vapor.

Do not store above 120°F or near fire or open flame. Store large quantities in buildings designed to comply with OSHA 1910.106. Keep container closed when not in use. Do not transfer contents to bottles or other unlabelled containers. Do not reuse empty containers.

Keep out of reach of children.

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**MATERIAL SAFETY DATA SHEET**

Product No.: TL220R

**SECTION I - XVI****SECTION VIII - PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:** All workers and bystanders must be protected from exposure above Section II limits. Avoid breathing vapors, spray mist or sanding dust. Application by brush, roller, squeegee, or trowel will result in the lowest release of hazardous materials. When spray applied in outdoor or open areas with unrestricted ventilation, and during sanding or grinding operations, use NIOSH/MSHA approved mechanical filter respirator to remove solid airborne particles of over spray or sanding dust. When used in restricted areas, wear NIOSH/MSHA approved chemical/mechanical filters designed to remove a combination of particulates and vapor. When used in confined areas, wear NIOSH/MSHA approved air supply respirators or hoods. Use NIOSH/MSHA approved respirators when flame cutting, welding, brazing and sanding material coated with this product. The fumes from these operations can be hazardous. Do not breathe them. Always use adequate ventilation. Whenever using respirators refer to OSHA 1910.134 for proper respirator use and safety program. The applicator determines the type of area in which the application is being made (unrestricted, restricted, or confined). The best determination of respirator type to use in a particular application is to monitor for the hazardous materials during actual application. The applicator should contact a qualified safety engineer for proper selection of safety equipment based on the application conditions.

**VENTILATION:** Use only with adequate ventilation. Provide general dilution or local exhaust ventilation in volume and pattern to keep air contaminant concentration below current applicable safety and health standards in the mixing, application and curing areas, and to remove sanding dusts of dried coating and decomposition product during welding and flame cutting on surfaces coated with this product. Heavy solvent vapors should be removed from lower levels of the work area and all ignition sources should be eliminated. **BYSTANDERS:** Applicator should insure that fumes or spray mists do not drift into areas where bystanders are likely to be during the application period by keeping bystanders sufficiently away from the work area to insure no exposure and by using adequate ventilation when necessary. Caution should be used to insure that vapors do not collect in off hours. Anyone entering the work area should be properly protected and instructed. **EXPLOSION PROOF VENTILATION:** Only explosion proof ventilation equipment should be used to provide adequate ventilation unless the flash point of the mixed product is a minimum of 40 degrees F above the ambient temperature and the coated surface temperature. Do not apply to surfaces over 130 degrees F surface temperature.

**PROTECTIVE GLOVES:** Do not get on skin. Solvent impermeable gloves to prevent contact are recommended.

**EYE PROTECTION:** Do not get in eyes. Solvent resistant safety eyewear with splash guards or shields is recommended to prevent contact.

**OTHER PROTECTIVE EQUIPMENT:** Do not get on skin. Solvent impermeable clothing and boots to prevent contact are recommended.

**HYGIENIC PRACTICES:** Remove and wash soiled clothing before reuse. Wash hands before eating, smoking or using the washroom. Remove any contaminated clothing and clean before reuse. Shoes and boots if contaminated must be replaced.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**WATER SOLUBILITY:** Negligible.

**ODOR:** Characteristic of solvents listed in SECTION II

**WEIGHT PER GALLON:** 10.52 Pounds

**PERCENT VOLATILE BY VOLUME:** 0.17

**EVAPORATION RATE:** ( )Faster (X)Slower Than Ether

**BOILING RANGE:** NA

**VAPOR DENSITY:** (X)Heavier ( )Lighter Than Air

**SECTION X - STABILITY AND REACTIVITY**

**STABILITY:** ( )UNSTABLE (X)STABLE

**INCOMPATIBILITY:** Avoid contact with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** May cause hazardous fumes when heated to decomposition. Fumes may contain carbon monoxide, carbon dioxide, unidentified phenolic compounds and oxides of metals listed in Section II.

**HAZARDOUS POLYMERIZATION:** ( )MAY OCCUR (X)WILL NOT OCCUR.

**MIXED PRODUCT SHOULD NOT BE KEPT IN QUANTITIES GREATER THAN 3 LBS WEIGHT (approx. 1 QUART VOLUME LONGER THAN 25 TO 35 MINUTES.** The product reacts quickly when in large mixed masses and develops heat quickly. It is possible for the mass to reach decomposition temperatures and give off dangerous gasses. ALWAYS pour the material out in thin thickness ( 1/4 inch or less) to avoid the mass reaction.

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**MATERIAL SAFETY DATA SHEET**

Product No.: TL220R

SECTION I - XVI

**SECTION XI - TOXICOLOGICAL INFORMATION**

No information available.

**SECTION XII - ECOLOGICAL INFORMATION**

No information available.

**SECTION XIII - DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local, state and federal regulations. Incinerate only in approved facility. Do not incinerate closed containers.

**SECTION XIV - TRANSPORTATION INFORMATION**

DOT CLASS: RESIN SOLUTION,3,UN1866, PGIII

**SECTION XV - REGULATORY INFORMATION**

This product contains 0.01 pounds per gallon ( 1 grams/liter) volatile organic compounds. The VOC less water and exempt solvents is 0.01 lbs./gal. ( 1 gms./L.)

This product may contain chemicals as contaminants which are known to the state of California to cause cancer, birth defects or other reproductive harm.

**SECTION XVI - OTHER INFORMATION**

HMIS RATING: (H)ealth 1 (F)lammability 3 (R)eactivity 0

The information contained herein is based on data believed by BLOME INTERNATIONAL to be accurate, but we do not assume any liability for the accuracy of this information. We neither suggest nor guarantee that any hazards mentioned are the only ones which exist. Anyone intending to rely on any recommendation or to use any equipment, technique or material mentioned should also satisfy himself that he can meet all applicable safety and health standards.