

Section I - IDENTIFICATION

TRADE NAME: **EXPOSITE SB**

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Section II - HAZARDOUS INGREDIENTS

| <u>Hazardous Ingredients</u> | <u>CAS NUMBER</u> | <u>PEL</u> <u>OSHA (PPM)</u> | <u>TLV:</u> <u>ACGIH (PPM)</u> | <u>OTHER</u> <u>LIMITS</u> |
|------------------------------|-------------------|---------------------------------|-----------------------------------|-------------------------------|
| Toluene | 108-88-3 | 100 ppm | 100 ppm | *see note |
| Xylene | 1330-20-7 | 100 ppm | 100 ppm | *see note |
| Trimethylbenzenes | 2553-13-7 | 25 ppm | 25 ppm | Trace |
| Calcium Carbonate | 471-34-1 | None | None | |
| Acrylic Copolymer | | None | None | |

*Note: ACGIH-OSHA short term exposure limit for Xylene is 150 ppm. NIOSH recommends a limit of 8 ppm per hour TWA; 200 ppm 10 minute ceiling.

GENERAL INFORMATION: This document supercedes all previous versions. To the best of our knowledge the information contained herein is correct. Lambert Corporation of Florida, Inc. assumes no responsibility for accuracy or completeness. User is responsible for suitability.

| HMIS | |
|---------------------|---|
| Health | 2 |
| Flammability | 2 |
| Reactivity | 0 |
| Personal Protection | G |

Section III - PHYSICAL DATA / CHEMICAL CHARACTERISTICS

| | | | |
|--------------------------------|-----------|--|--------------------------|
| <i>Boiling Point</i> | > 232°F | <i>Specific Gravity (H2O = 1):</i> | .871 |
| <i>Vapor Pressure (mm Hg):</i> | 760 | <i>Melting Point</i> | N/A |
| <i>Vapor Density (AIR=1):</i> | 3.2 | <i>Evaporation Rate (Butyl Acetate = 1):</i> | 2.0 |
| <i>Solubility in Water:</i> | Insoluble | <i>Appearance and Odor:</i> | Clear liquid, sweet odor |

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): TCC 80°F

Flammable Limits: In air % by volume: **LEL:** 1.20% **UEL:** 7.00%

Extinguishing Media: DRY CHEMICAL, REGULAR FOAM, CARBON DIOXIDE

Special Fire Fighting Procedures:

WEAR SCBA WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES. WATER SPRAY MAY BE USEFUL IN MINIMIZING OR DISPERSING VAPORS & COOLING EQUIPMENT EXPOSED TO HEAT AND FLAME. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES.

VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION & IGNITED BY HEAT, PILOT LIGHTS, OPEN FLAMES AND IGNITION SOURCES DISTANT FROM MATERIAL HANDLING POINT.

Unusual Fire and Explosion Hazards:

NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN RESIDUE) CAN IGNITE EXPLOSIVELY. ALL METAL CONTAINERS SHOULD BE GROUNDED OR BONDED WHEN MATERIAL IS TRANSFERRED.

Section V - REACTIVITY DATA

Stability: **STABLE**

Incompatibility (Conditions or Materials to Avoid): AVOID ALL POSSIBLE SOURCES OF IGNITION, HEAT, SPARK OR FLAME & BUILDUP OF STATIC ELECTRICITY.

Hazardous Decomposition of Byproducts: COMBUSTION MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE.

Hazardous Polymerization: **WILL NOT OCCUR**

Conditions to Avoid: NONE.

Section VI - HEALTH HAZARD DATA

Routes of Entry:

| | |
|--------------------|-------------------|
| <i>Eyes:</i> | IRRITANT |
| <i>Inhalation:</i> | IRRITANT |
| <i>Skin:</i> | MODERATE IRRITANT |
| <i>Ingestion:</i> | MILD EXCITATION |

Health Hazards (Acute and Chronic):

OVER-EXPOSURE TO THIS MATERIAL (OR COMPONENTS) HAS APPARENTLY BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN ANIMALS: LIVER ABNORMALITIES, KIDNEY DAMAGE, LUNG DAMAGE, SPLEEN DAMAGE.

OVER-EXPOSURE TO THIS MATERIAL (OR COMPONENTS) HAS BEEN SUGGESTED AS A CAUSE OF LIVER ABNORMALITIES IN HUMANS. DELIBERATE MISUSE BY INTENTIONALLY INHALING VAPOR MAY BE HARMFUL OR FATAL.

Carcinogenicity:

| | |
|------------------|-----------|
| CLASSIFIED | NONE. |
| NTP: | NO |
| IARC Monographs: | NO |
| OSHA Regulated: | FLAMMABLE |

Signs and Symptoms of Exposure:

REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.

Medical Conditions Generally Aggravated by Exposure:

DERMATITIS, PRE-EXISTING LUNG DISORDERS.

Emergency & First Aid Procedures:

INGESTION: **DO NOT INDUCE VOMITING.** CALL DOCTOR IMMEDIATELY. ASPIRATION HAZARD - GIVE NOTHING BY MOUTH BECAUSE MATERIAL CAN ENTER LUNGS AND CAUSE SEVERE LUNG DAMAGE. IF POSSIBLE DO NOT LEAVE VICTIM UNATTENDED. ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE PNEUMONITIS WHICH CAN BE FATAL. FOR ANY OTHER PERSISTENT IRRITATION, GET MEDICAL ATTENTION.

EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH THOROUGHLY WITH SOAP & WATER.

INHALATION: REMOVE TO FRESH AIR.

Section VII - PRECAUTIONS FOR SAFE HANDLING AND USE*Steps to be taken in case Material is released or spilled:*

REMOVE SOURCES OF HEAT OR IGNITION, INCLUDING INTERNAL COMBUSTION ENGINES & POWER TOOLS. SMALL SPILL: ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT MATERIAL & TRANSFER TO WASTE DISPOSAL CONTAINER.

LARGE SPILL: KEEP ALL UNNECESSARY PEOPLE AWAY FROM AREA. STOP SPILL AT SOURCE, DIKE AREA TO PREVENT SPREADING. PUMP LIQUID INTO SALVAGE TANK. ABSORB REMAINING LIQUID AS SMALL SPILL & SHOVEL INTO CONTAINERS. DO NOT FLUSH TO SEWER.

Waste Disposal Method:

DISPOSE OF MATERIAL THROUGH A LICENSED WASTE DISPOSAL COMPANY. FOLLOW ALL FEDERAL, STATE & LOCAL REGULATIONS. CONTROLLED BURNING OR APPROVED LANDFILL BURIAL FOR CONTAMINATED ABSORBENT. FOLLOW ALL RULES.

Precautions to be Taken in Handling and Storage:

STORE IN TIGHTLY CLOSED CONTAINERS IN A COOL, DRY PLACE AWAY FROM SOURCES OF HEAT OR IGNITION. GROUND AND BOND ALL TRANSFER AND STORAGE EQUIPMENT.

Other Precautions:

EMPTY CONTAINERS MAY CONTAIN RESIDUE AND CAN BE DANGEROUS. DO NOT CUT, WELD, BRAZE, DRILL, GRIND, OR PRESSURIZE. CONTAINERS MAY EXPLODE AND CAUSE INJURY OR DEATH.

FOR INDUSTRIAL USE ONLY**SHIPPING CLASS: 70****Section VIII - CONTROL MEASURES***Respiratory Protection (Type):*

IF WORKPLACE EXPOSURE LIMIT IS EXCEEDED A NIOSH/OSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED

Ventilation: Local Exhaust:

PROVIDE SUFFICIENT TO MAINTAIN EXPOSURE BELOW TLV(S)

Mechanical (General):

NONE

Special:

NONE

Other:

NONE

Protective Gloves:

RESISTANT - NITRILE RUBBER.

Eye Protection:

CHEMICAL SPLASH GOGGLES ARE RECOMMENDED

Other Protective Clothing or Equipment:

WEAR IMPERVIOUS CLOTHING AS NEEDED. SAFETY SHOWER AND EYE BATH IN VICINITY IS RECOMMENDED.

Work/Hygenic Practices:

PRACTICE GOOD HOUSEKEEPING. USE GOOD PERSONAL HYGIENE PRACTICES.