

MATERIAL SAFETY DATA SHEET
Artisan Topical Enhancer SB

SECTION 1 PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: Artisan Topical Enhancer SB

Manufacturer:

Chemique, Inc.
315 N. Washington Avenue
Moorestown, NJ 08057
(856) 235-4161

MSDS Date of Preparation: 11/17/11

EMERGENCY PHONE: (800) 535-5053 (Infotrac)

SECTION 2: HAZARDS IDENTIFICATION

This product is a light liquid with a fruity odor.

EMERGENCY OVERVIEW

May cause eye irritation. High vapor concentrations may cause respiratory irritation and central nervous system depression including headache, dizziness, fatigue, unconsciousness and coma. Swallowing may cause gastrointestinal irritation and central nervous system depressions. Prolonged overexposure may cause central nervous system effects and damage to the kidneys, liver and adrenal gland. .

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS#.</u>	<u>WT.%</u>
Tert butyl acetate	540-88-5	72
Acrylic Resin	Proprietary	18

SECTION 4 FIRST AID MEASURERS

EYE CONTACT: Immediately flush eyes with water for 15 minutes while lifting the upper and lower lids. Get medical attention if irritation persists.

SKIN CONTACT: Wash with soap and water. Remove contaminated clothing and launder before reuse. Wash with soap and water. Get medical attention if irritation develops or persists.

INHALATION: Remove victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. Get medical attention.

INGESTION: If conscious, give 1-8 ounce water. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Get medical attention.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water fog, carbon dioxide, dry chemical or alcohol-resistant foam. Do not use a solid stream of water as it may spread the fire.

SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus.

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UNUSUAL FIRE AND EXPLOSION HAZARDS: This product is flammable and forms explosive mixtures with air. Vapors are heavier than air and will travel along surfaces to remote ignition sources and flash back. Closed containers may explode if exposed to extreme heat.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Evacuate spill area and keep unprotected personnel away. Remove all sources of ignition. Ventilate area with explosion proof equipment. Wear appropriate protective clothing as described in Section 8. Contain and collect using inert absorbent materials and place in appropriate containers for disposal. Use non-sparking tools and equipment. If spill has not ignited, use water spray to disperse the vapors and protect personnel attempting to stop leak. Do not flush to sewer! Report releases as required by local, state and federal authorities.

SECTION 7 HANDLING and STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in accordance with regulations for the storage of flammable liquids. Store in a dry, well ventilated area away from heat, direct sunlight and all sources of ignition. Store away from oxidizers and other incompatible materials.

Avoid contact with the eyes, skin and clothing. Avoid breathing vapors. Wear protective clothing and equipment as described in Section 8. Use only with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep product away from heat, sparks, flames and all other sources of ignition. Do not permit smoking in use or storage areas. Use with non-sparking tools and explosion proof equipment. Electrically bond and ground containers for transfer.

OTHER PRECAUTIONS: Do not cut, drill, grind or weld on or near containers, even empty containers. Empty containers retain product residues can be hazardous. Follow all MSDS precautions when handling empty containers.

SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

Exposure Guidelines:

INGREDIENTS	EXPOSURE LIMITS
Tert butyl acetate	200 ppm TWA ACGIH TLV 200 ppm TWA OSHA PEL

RESPIRATORY PROTECTION: If the exposure limits are exceeded a NIOSH approved organic vapor respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

VENTILATION: Use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits. Use explosion proof equipment where required.

GLOVES: Wear impervious gloves such as butyl rubber.

PROTECTIVE CLOTHING: Impervious apron, boots and other clothing are recommended if needed to prevent contact or if splashing is possible.

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EYE PROTECTION: Wear chemical safety goggles if eye contact is possible.

OTHER PROTECTIVE EQUIPMENT: Impervious clothing as needed to prevent contact. Washing facilities should be available in the immediate work area

SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Light liquid with a fruity odor.

BOILING POINT (@ 760 mmHg): 97.8°C (208°F) (t-butyl acetate)

FREEZING POINT: Not available

SPECIFIC GRAVITY (H₂O=1): 0.88

EVAPORATION RATE: Not available

% VOLATILE: >50%

VAPOR DENSITY (AIR=1): 4.0 (t-butyl acetate)

SOLUBILITY IN WATER: Nil

COEFFICIENT OF WATER/OIL: Not available

pH: Not available

VAPOR PRESSURE: 41.5 mmHg @ 25°C (t-butyl acetate).

FLASH POINT: 40°F (4.4°C) (t-butyl acetate)

FLAMMABLE LIMITS: (vol % in air) LEL – 1.3 (t-butyl acetate) UEL – 6.88 (t-butyl acetate).

AUTOIGNITION TEMPERATURE: 799°F (426°C) (t-butyl acetate)

SECTION 10 STABILITY and REACTIVITY

STABILITY: This material is stable.

CONDITIONS TO AVOID: Keep away from heat, sparks and all ignition sources.

INCOMPATIBILITY: Avoid strong oxidizing agents, alkalies, acids and nitrates.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decompositions may produce carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. .

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

INHALATION: High vapor concentrations may cause respiratory tract irritation and central nervous system depression with headache, dizziness, fatigue, loss of concentration, coma and unconsciousness.

SKIN CONTACT: May cause mild irritation with redness and itching.

EYE CONTACT: May cause irritation with redness, pain and tearing.

INGESTION: Swallowing large amounts may cause may cause gastrointestinal irritation, nausea, vomiting, diarrhea and central nervous system depression.

CHRONIC EFFECTS OF OVEREXPOSURE: Prolonged overexposure may cause central nervous system effects and damage to the liver, kidneys and adrenal gland.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with chronic eye, skin and central nervous system disorders may be at increased risk from exposure to this material.

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TOXICOLOGY DATA:

Tert butyl acetate : Oral rat LD50 3,046 mg/kg
Dermal rabbit LD50 >2,000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Tert butyl acetate: 96 hr EC50 oncorhynchus my kiss 240 mg/L
48 hr EC50 daphnia magna 350 mg/L
72 hr entosiphon sulcatum 970 mg/L

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT SHIPPING NAME: Tert Butyl Acetate Solution
DOT HAZARD CLASSIFICATION: 3, PGII
DOT LABELS REQUIRED (49CFR172.101): Flammable Liquid
UN NUMBER: UN1123

SECTION 15: REGULATORY INFORMATION

OSHA HAZARD CLASSIFICATION: Irritant, Flammable Liquid

EPA SARA 311 HAZARD CLASSIFICATION: Fire Hazard, Acute Health

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:
None

CERCLA Hazardous Substances (Section 103)/RQ: This product has a Reportable Quantity (RQ) of 4,000 lbs. based on the RQ for tert butyl acetate of 5,000 lbs. Releases above the RQ must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

TOXIC SUBSTANCES CONTROL ACT: All of the components of this product are listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65: This product contains the following chemical which is known to the State of California to cause cancer or reproductive toxicity (birth defects): None

WHMIS CLASSIFICATION: Class B Division 2 (Flammable Liquid)

CANADIAN ENVIRONMENTAL PROTECTION ACT: All of the components of this product are listed on the Canadian Domestic Substances List (DSL).

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This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

SECTION 16: OTHER INFORMATION

NFPA Rating: Health: 1 Fire: 3 Reactivity: 0