SAATIchem

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SAATIchem ULTRAFIX SB3 PLUS

General Use: Adhesive used for bonding screen print mesh to the frame.

Manufacturer: SAATIchem
2050 Hammond Dr. Schaumburg, IL. 60173
Tel: 1-877-296-7697 or 1-847-296-7697 (Monday-Friday 8:00am – 4:30pm CST)
Fax: 1-847-296-7408
www.saatiamericas.com

Emergency Telephone Number: INFOTRAC 800-535-5053 or 352-323-3500, 24-hours everyday

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	Wt. % Less Than	CAS Number	OSHA PEL	ACGIH TLV
Acetone	85.0	67-64-1	1000 ppm	750 ppm

3. HAZARDS IDENTIFITION

Emergency Overview

Hazy, clear to yellow liquid with aromatic odor. **DANGER—EXTREMELY FLAMMABLE LIQUID AND VAPOR**. VAPOR MAY CAUSE FLASH FIRE. Keep away from heat, sparks, and flame. Use only with adequate ventilation. Store in tightly closed containers. May cause eye, skin, and respiratory tract irritation. Repeat exposure may effect lung, blood, kidneys, and central nervous system.

Potential Health Effects

Eye: Direct contact will cause irritation, tearing or reddening. Vapor may irritate.
Skin: May cause mild irritation.
Ingestion: May cause gastrointestinal irritation or damage. Large amounts may be harmful.
Inhalation: Vapor may cause nausea, dizziness, narcosis, or headaches.

Chronic Effects/Carcinogenicity: May cause damage to lungs, blood, central nervous system, kidneys, liver, and reproductive organs.

4. FIRST AID MEASURES

Eyes: Immediately flush with water at least 15 minutes. Get medical attention immediately.
Skin: Wash with plenty of soap and water. If irritation persists, seek medical attention.
Ingestion: Do not induce vomiting. Get medical attention immediately.
Inhalation: Remove to fresh air. Get medical attention if breathing difficulties persists.

5. FIRE FIGHTING MEASURES

Flash Point / Method: <0 °F (TCC)

Flammable Limits:
Lower Flammable Limits: 2.6% (acetone)
Upper Flammable Limits: 12.8% (acetone)
Extinguishing Media: Carbon dioxide, foam, or dry chemical
Autoignition Temperature: Not available
Protection of Fire Firefighter: Wear full protective equipment and NIOSH approved self-contained breathing apparatus.
Fire & Explosion Hazards: Flammable. Vapor may create fire/ explosion hazard. Heated containers may pressurize and rupture. Vapor is heavier than air and may travel considerable distance to source of ignition and flashback.

6. ACCIDENTAL RELEASE MEASURES

Small spill: Remove ignition sources. Use appropriate absorbent. Allow volatile portion to evaporate in a well ventilated area.
Large spill: Remove ignition sources. Cover with inert absorbent material. Collect spillage by means of spark proof equipment. Hold for proper chemical disposal.

7. HANDLING AND STORAGE

Store in the original containers in a well ventilated area. Keep away from ignition sources, heat, and oxidizers. Exercise caution when handling. Use properly grounded, non-sparking equipment when transferring large quantities. Wear the required PPW and provide adequate ventilation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Control airborne concentrations below the exposure limits. Use only with adequate general ventilation and/or non-sparking local exhaust/ ventilation. Avoid personal contact.
Respiratory Protection: Respiratory protection is recommended, but not required when working in an adequately ventilated area. If concentrations are over the exposure limits, use a NIOSH-approved air purifying respirator with an organic vapor cartridge or canister.
Skin Protection: Neoprene gloves
Eye Protection: Safety glasses
Other Protective Clothing or Equipment: Protective apron or smock is recommended

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: hazy, clear to yellow
Odor: characteristic solvent odor
Vapor Pressure: 181 mmHg @ 68°F (20°C)
Specific Gravity: 0.8419
Weight per Gallon: 6.92
Solubility in Water: Partial
pH: Not available
Vapor Density: >1 (air=1)
Evaporation Rate: >1 (butyl acetate=1)
Boiling Point: 133°F (56°C)
Melting Point: Not available
VOC: 0.0

10. STABILITY AND REACTIVITY

Stability/Conditions to avoid: Stable
Materials to avoid: Strong oxidizers, acids/bases, and ignition sources.

Conditions to avoid: heat, direct sunlight
Hazardous decomposition products: Carbon dioxide and Carbon monoxide. Nitrogen.
Hazardous polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Not found to be a carcinogen

For Acetone (CAS#67-64-1)
LD50 oral (rat) = 5800 mg/kg
LC50 inhalation (rat) = 50100 mg/m^3/8H

12. ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all current local, state, and federal regulations.

14. TRANSPORT INFORMATION

US DOT: Adhesives, *containing a flammable liquid*, UN1133, 3, PGII
Transport Canada: ADHESIVES, *containing a flammable liquid*, UN1133, 3, PGII
IATA: Adhesives containing flammable liquid, UN1133, 3, PGII
IMO: ADHESIVES containing a flammable liquid, UN1133, 3, PGII

15. REGULATORY INFORMATION

US Federal Regulations

TSCA: All components of this product are listed on the TSCA Inventory.

CERCLA (40 CFR 117.302): Acetone, RQ=5000 lbs.

SARA Title III (40 CFR 372)

Section 311/312 Hazard Categories: Fire, Immediate Health,

Section 313 Reportable Ingredients: None

US State Regulations

Pennsylvania Right-To-Know Act reportable components: Acetone (CAS# 67-64-1)

California Proposition 65 reportable components: None.

Canadian Regulations

DSL: All components of this product are listed on the Domestic Substances List.

WHMIS Classification: Class B2.

16. OTHER INFORMATION

HMIS Rating: Health-1, Fire-3, Reactivity-0, Personal Protection-B

Revision Summary: new product

MSDS prepared by: Joey Mucha, Regulatory Affairs Coordinator

Supercedes Date: December 10, 2003

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