



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: ULTRAFIX SB5 PLUS
General Use: Adhesive used for bonding screen print mesh to the frame.
Manufacturer: SAATI
201 Fairview St. Ext. Fountain Inn, SC. 29644
Tel: 1-864-601-8300
Fax: 1-864-862-0089
Hours: Monday-Friday 8:30am – 5:00pm
<http://msds.saatiexpress.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	500 ppm
Tertiary amine	0.1	***		

*** The specific chemical identity and/or weight percent is being withheld as a trade secret

3. HAZARDS IDENTIFICATION

Emergency Overview

Red 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: None known.

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 persist.

5. FIRE FIGHTING MEASURES

Flash Point / Method: 1.4°F (TCC)

Flammable Limits:

Lower Flammable Limits: 2.5% (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 self-contained breathing apparatus.

Fire & Explosion Hazards: Flammable. Vapor may create fire/ explosion hazard. Heated containers may pressurize and rupture.

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. Keep from freezing.

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: red

Odor: Slight

Vapor Pressure: 181 mmHg

Specific Gravity: 0.8423
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
Volatile Organic Compounds: 0 g/L

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
Hazardous polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Not found to be a carcinogen
Acute Toxicity Data:
LD50: Acetone: 5800mg/kg oral (rat).
LC50: Not Determined

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 a 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 Hazard, Acute Health Hazard, Chronic Health Hazard
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.

16. OTHER INFORMATION

HMIS Rating: Health-1, Fire-3, Reactivity-0



Personal Protection-B

MSDS prepared by: Kathy Tylka, Regulatory Affairs Coordinator

Revision Date/Revision History: February 8, 2010
January 17, 2012– Section 1: new address
January 20, 2014 - Logo

Note for users:

The information contained in the present sheet is based on our knowledge, on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.