

**MATERIAL SAFETY DATA SHEET****1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** SAATIPRINT FLASH PALLET ADHESIVE

**General Use:** Tacks fabric to pallet during screen-printing

**Manufacturer:** SAATIPRINT  
247 Route 100, Somers, NY 10589  
Tel: 800-431-2200 or 914-232-7781  
Fax: 800-829-9939 or 914-232-4004  
www.saati.com

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

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	Percentage	CAS Number	OSHA PEL	ACGIH TLV
Cyclohexane	15-40	110-82-7	300 PPM	300 PPM
Dimethyl Ether	10-30	115-10-6	Not applicable	Not applicable
Naphtha (petroleum), solvent-refined light	10-30	64741-84-0	Not applicable	Not applicable
Liquefied Petroleum gases	5-10	68476-85-7	1000 PPM	1000 PPM
n-Hexane	3-7	110-54-3	500 PPM	50 PPM
Aliphatic Petroleum Distillates	0-100	64742-89-8	Not applicable	Not applicable
Isobutane	1-5	75-28-5	Not applicable	Not applicable
Propane	0.5-1.5	74-98-6	1000 PPM	2500 PPM

**3. HAZARDS IDENTIFICATION****Emergency Overview**

Liquid aerosol. **DANGER—FLAMMABLE GAS.** MAY CAUSE FLASH FIRE. CONTENTS UNDER PRESSURE. CONTAINER MAY RUPTURE UPON HEATING. Causes eye, skin, and respiratory tract irritation. May be harmful if swallowed. Contains material that may cause damage to liver, nervous system, heart, and circulatory system.

**Potential Health Effects**

**Eye:** Vapor causes irritation. Direct contact causes burning, tearing, swelling, and/or blurred vision.

**Skin:** Prolonged or repeated skin contact causes irritation, redness, defatting, and dermatitis.

**Ingestion:** Causes gastrointestinal irritation, headache, nausea, vomiting, diarrhea, and nervous system depression.

**Inhalation:** Excessive exposure causes nasal and respiratory tract irritation.

**Chronic Effects/Carcinogenicity:** Contains material that may cause damage to liver, nervous system, heart, and circulatory system.

#### 4. FIRST AID MEASURES

**Eyes:** Immediately flush with water at least 15 minutes. Get medical attention if irritation persists.

**Skin:** Flush with large amounts of water. Get medical attention if irritation persists.

**Ingestion:** Do not induce vomiting. Get medical attention immediately.

**Inhalation:** Remove to fresh air. Get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

This product is considered to be extremely flammable as described in 16CFR1500.45.

**Flash Point of Concentrate / Method:** Not available

**Flammable Limits:** LEL=1.8% and UEL=9.5%

**Extinguishing Media:** Carbon dioxide, foam, or dry chemical.

**Protection of Fire Fighter:** Wear full protective equipment and self-contained breathing apparatus.

**Fire & Explosion Hazards:** Contents under pressure. Containers can explode if exposed to temperatures above 130°F (54°C).

#### 6. ACCIDENTAL RELEASE MEASURES

**Small spill:** Flush to waste with large quantities of water.

**Large spill:** Eliminate ignition sources. Absorb spill with inert material (e.g., dry sand or earth). Retain for proper removal and treatment.

#### 7. HANDLING AND STORAGE

Keep away from heat, sparks, and flame. Do not puncture or incinerate container. Do not take internally. Avoid inhaling vapors. Use only with adequate ventilation. Avoid contact with eyes, skin, and clothing. Wash thoroughly after using.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the exposure limits.

**Respiratory Protection:** 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

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid aerosol

**Appearance:** Clear, colorless, viscous

**Odor:** Solvent

**Vapor Pressure:** 102 psig at 130°F

**Specific Gravity:** <1.0

**Solubility in Water:** Negligible

**pH:** Not applicable

**Vapor Density:** >1 (air=1)

**Evaporation Rate:** <1 (ether=1)

**Boiling Point:** Not available

**Melting Point:** Not available

**Percent Volatiles:** Not available

**Volatile Organic Compounds:** Not available

## 10. STABILITY AND REACTIVITY

**Stability/Conditions to avoid:** Stable / Avoid temperatures above 130°F (54°C)

**Materials to avoid:** Oxidizing agents, strong acids, strong alkalies

**Hazardous decomposition products:** Carbon dioxide, carbon monoxide.

**Hazardous polymerization:** Will not occur

## 11. TOXICOLOGICAL INFORMATION

For cyclohexane (CAS#110-82-7)  
LD50 oral (rat) = 12705 mg/kg

For Dimethyl ether (CAS#115-10-6)  
LC50 inhalation (rat) = 308 g/m<sup>3</sup>

For n-Hexane (CAS#110-54-3)  
LD50 oral (rat) = 25 g/kg  
LC50 inhalation (rat) = 48000 PPM/4H

## 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:** ORM-D, Consumer Commodity

**Transport Canada:** Aerosols, Flammable, 2.1, UN1950

**IATA:** Aerosols, Flammable, 2.1, UN1950

**IMO:** Aerosols, 2.1, UN1950

## 15. REGULATORY INFORMATION

### US Federal Regulations

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

**CERCLA (40 CFR 117.302):** This material contains Reportable Quantity (RQ) Substances, cyclohexane and n-hexane, and if 1000 pounds of cyclohexane and/or 5000 pounds of n-hexane are released, notification to the National Response Center, Washington, DC (1-800-424-8802) is required.

### SARA Title III (40 CFR 372)

**Section 311/312 Hazard Categories:** Immediate Health, Delayed Health, Fire, Sudden Release of Pressure

**Section 313 Reportable Ingredients:** Cyclohexane (CAS#110-82-7), n-Hexane (CAS#110-54-3)

### US State Regulations

**Pennsylvania Right-To-Know Act reportable components:** Cyclohexane (CAS#110-82-7), Dimethyl Ether (CAS#115-10-6), Liquefied Petroleum Gas (CAS#68476-85-7), Isobutane (CAS#75-28-5), Propane (CAS#74-98-6)

**California Proposition 65 reportable components:** None.

#### **Canadian Regulations**

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

**WHMIS Classification:** Class A, Class B5, ClassD.

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

#### **16. OTHER INFORMATION**

**HMIS Rating:** Health-1, Fire-4, Reactivity-1, Personal Protection-B

**Revision Summary:** New product.

**MSDS prepared by:** Melissa Hayes, Regulatory Affairs Coordinator

**Supercedes Date:** Not applicable.

**Revision Date:** July 8, 2001