

# MATERIAL SAFETY DATA SHEET

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## SPECIAL NOTICE

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## SECTION ONE -- IDENTITY INFORMATION Rev Date 4/6/2005

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**TRADE NAME:** Readmissions Invisible Ink (Blue)

**CAS NUMBER:** PROPRIETARY

**CHEMICAL/FAMILY NAME:** TRIAZINYL STILBENE

**PHYSICAL FORM:** LIQUID

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## SECTION TWO -- COMPOSITION/INFO ON INGREDIENTS

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**--HAZARDOUS INGREDIENTS--**

THIS PRODUCT IS CLASSIFIED NOT HAZARDOUS UNDER OSHA REGULATIONS.

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## SECTION THREE -- HAZARDOUS IDENTIFICATION

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HMIS RATINGS: HEALTH 0 FLAMMABILITY 1 REACTIVITY 0 PROTECTION H  
0=MINIMAL 1=SLIGHT 2=MODERATE 3=SERIOUS 4=SEVERE

PRIMARY ROUTE(S) OF ENTRY: INGESTION, SKIN, INHALATION, EYES

POTENTIAL HEALTH EFFECTS: NONE KNOWN

MEDICAL CONDITIONS WORSENER BY EXPOSURE: PERSONS WITH BREATHING AND LUNG PROBLEMS CAN BE AFFECTED BY BREATHING IN ANY TYPE OF VAPORS OR MIST.

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## SECTION FOUR -- FIRST AID

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**Eye Contact:** Promptly flush eyes with large amounts of water for at least 20 minutes. Get prompt medical attention.

**Skin Contact:** If large amounts then immediate flush with large amounts of water use soap if available. Remove contaminated clothing including shoes after flushing has begun. Call physician if irritation persists.

**Inhalation:** If inhaled immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for medical attention.

**Ingestion:** If swallowed call for medical attention, do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration.

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#### **SECTION FIVE -- FIRE-FIGHTING**

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**General Hazards:** None known

**FlashPoint:** >93C 199 F ASTM D56 (TAG CLOSED CUP)

**Extinguishing Media:** CO2, dry chemical, foam.

**Special Fire Fighting Procedures:** Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritation fumes.

**Unusual Hazards:** None known

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#### **SECTION SIX -- ACCIDENTAL RELEASE MEASURES**

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**Spill or Leak:** Utilize recommended protective clothing and equipment. Should not be released into environment. Absorb spill with inert material (E.G. DRY SAND OR EARTH)

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#### **SECTION SEVEN -- STORAGE AND HANDLING**

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**Storage and Handling:** AS WITH ALL INDUSTRIAL CHEMICALS USE GOOD INDUSTRIAL PRACTICES WHEN HANDLING. AVOID EYE, SKIN, AND CLOTHING CONTACT. DO NOT INHALE. DO NOT TASTE OR SWALLOW. USE ONLY WITH ADEQUATE VENTILATION.

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#### **SECTION EIGHT – EXPOSURE CONTROLS**

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**Eye Protection Requirements:** Chemical Safety goggles. Contact lenses should not be worn when working with chemicals.

**Skin Protection:** Wear chemically resistant rubber gloves, selected with your specific processing conditions and chemicals to be handled in mind. Wear coveralls and boots to minimize skin contact. As precautions, wash hands & face with mild soap & water before eating, drinking, smoking, or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

**Lung, Throat, & Nasal Protection:** Wear Niosh approved vapor/mist respirator for your particular operation and materials being handled.

**Other Protective Measures:** Emergency showers and eye wash stations should be available within 100 feet or a 10 second walk of the work area per ANSI Z358.1-1990. Educate and train employees in the safe use and handling of this product.

**Ventillation:** Local exhaust is recommended, mechanical exhaust acceptable. Do not breathe vapors or mists.

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#### **SECTION NINE - PHYSICAL AND CHEMICAL PROPERTIES**

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**Description:** Yellow Liquid; No odor

**Specific Gravity:** NE

**Solubility in Water:** Miscible

**Physical Form:** Liquid

**%VOCT:** <0.5% BY WT

**%Volatiles:** 80-85%

**pH:** 9.0 – 10.6

**Evaporation Rate:** NE

**Boiling Point:** >100 C (212)F

**Vapor Pressure:** Approx. Same as water

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## SECTION TEN -- STABILITY AND REACTIVITY

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**Stability:** Stable

**Conditions to Avoid instability:** None known

**Hazardous Polymerization:** Will no occur

**Materials and Conditions to Avoid incompatibility:** Not known

**Hazardous Decomposition Products:** Burning can produce toxic combustion products.

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## SECTION ELEVEN -- TOXICOLOGICAL INFORMATION

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**Oral LD50:** >3,000 mg/kg (rat)

**Dermal LD50:** >3000 mg/kg (rabbit)

**Inhalation:** Lcd (rat) Not determined

**Eye Effects:** Rabbit: Not an irritant

**Skin Effects:** Rabbit: Not an irritant

**Breathing Effects:** Not evaluated. Take precautions.

**Cancer Information:** None of the components in this product at concentrations greater than 0.1% are listed by the NTP, IARC. Or OSHA as carcinogens.

**Mutagenicity:** Ames assay – Not mutagenic

**Skin Sensitization:** RIPT (Humans) – Not a primary irritant, fatiguing agent or sensitizer.

**Reproductive Toxicity:** Not evaluated

**Teratogenicity (Rabbits):** Not Teratogenic

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## SECTION TWELVE -- ECOLOGICAL INFORMATION

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**Biodegradability:** NE

**BOD 5:** <0.01 G/G

**COD:** 0.23 G/G

**Fish Toxicity:** (Bluegill) LCD > 1000 MG/L (96 HR)

**Activated sludge respiration inhibition test:** No inhibition @ 300 MG/L

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## SECTION THIRTEEN -- DISPOSAL CONSIDERATIONS

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**Should be accordance with existing federal, state, and local environmental regulations.**

Do not release chemicals or chemical solutions into the environment unless approved by authorities.

**Container Reuse:** An "Empty" container should not be used unless professionally cleaded @ reconditioned. Crushing or other means is recommended to prevent unauthorized reuse.

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## SECTION FOURTEEN -- TRANSPORT INFORMATION

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**Dot Status:** Not Regulated (Ground, Highway, and Rail)

**Iata Status:** Not Regulated (Air)

**Imdg Status:** Not Regulated (Ocean)

**Tdg Status:** Not Regulated

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## SECTION FIFTEEN -- REGULATORY INFORMATION

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### US FEDERAL REGULATIONS

Clean air act-hazardous air pollutants (Hap): Contains no chemicals defined in 40 CFR 61.

Clean air act-ozone depleting substances as defined in 40 CRI 82, subpt. A, app. A=b).

Clean water act-Priority pollutants (PP): Contains no priority pollutants listed in 40 CFR 401.15.

Occupational safety and health act (OSHA): This product is not considered hazardous as defined in 29 CFR 1910.1200.

Resource conservation and recovery act (RCRA): Not a hazardous waste under RCRA 40 CFR 261.21

Sara title III: Section 302-extremely hazardous substance (EHS): Contains no chemicals regulated under 40 CFR 355.

Sara title III: Section 304-cercla: Contains no chemicals regulated under 40 CFR 302 for emergency release notification.

Sara III: Section 311/312-hazard communication standard (HCS): Not regulated under 40 CFR 370

Sara III: Section 313 toxic chemical list (TCL): Contains no chemicals requiring annual toxic chemical release reporting under 40 CFR 372

TSCA section 5(E)- consent order/snur: Not subject to a consent order or significant new use rule.

TSCA section 5(F)-Not subject to section 5(F)/6(A)Rule.

TSCA section 8(B)- Inventory status: All components are either exempt or listed on the TSCA inventory.

TSCA section 12(B)-Export notification: Contains no chemicals subject to export notification.

#### INTERNATIONAL REGULATIONS

Chemical weapons convention (CWC): Contains no listed components.

#### STATE REGULATIONS

California proposition 65: Contains no chemicals currently on the California list of known carcinogens and reproductive toxins.

Pennsylvania right-to-know: The following is subject to disclosure requirement. Sodium Hydroxide(NAOH), CAS# 1310-73-2, Environmental hazard.

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### SECTION SIXTEEN -- OTHER INFORMATION

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Reason for revision 09-20-01: Update with new information received (MVP)

Reason for revision 08-07-02: Update with current component data V-005127-04202001-LKB

Reason for revision 04-06-05: Update with current component data V-005127-02162004-LKB

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