

MATERIAL SAFETY DATA SHEET

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

TRADE NAME: Readmissions Invisible Ink (Blue)
CAS NUMBER: PROPRIETARY
CHEMICAL/FAMILY NAME: TRIAZINYL STILBENE
PHYSICAL FORM: LIQUID

SECTION TWO -- COMPOSITION/INFO ON INGREDIENTS

--HAZARDOUS INGREDIENTS--

THIS PRODUCT IS CLASSIFIED NOT HAZARDOUS UNDER OSHA REGULATIONS.

SECTION THREE -- HAZARDOUS IDENTIFICATION

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

SECTION FOUR -- FIRST AID

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.

SECTION FIVE -- FIRE-FIGHTING

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

SECTION SIX -- ACCIDENTAL RELEASE MEASURES

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)

SECTION SEVEN -- STORAGE AND HANDLING

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.

SECTION EIGHT – EXPOSURE CONTROLS

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.

SECTION NINE - PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION TEN -- STABILITY AND REACTIVITY

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.

SECTION ELEVEN -- TOXICOLOGICAL INFORMATION

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 Tgeratogenic

SECTION TWELVE -- ECOLOGICAL INFORMATION

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

SECTION THIRTEEN -- DISPOSAL CONSIDERATIONS

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.

SECTION FOURTEEN -- TRANSPORT INFORMATION

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

Iata Status: Not Regulated (Air)

Imdg Status: Not Regulated (Ocean)

Tdq Status: Not Regulated

SECTION FIFTEEN -- REGULATORY INFORMATION

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.

SECTION SIXTEEN -- OTHER INFORMATION

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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