

TRINIC LLC.

Stamp Shield

MATERIAL SAFETY DATA SHEET

Section: 1 Company Information

PRODUCT NAME: Stamp Shield

UN Class UN 1139 Coating Solution

Packing Group II

Flammability Class 3

MANUFACTURER: Trinic LLC.

STREET ADDRESS: 522 Cascade Valley Rd.

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PREPARED BY: Robert Chatterton

DATE REVISED: 8/16/11

Section 2: Ingredient Information

Acetone 55-65% CAS# 67-64-1 / 500- ppm

TertiaryButyl Acetate 18-30% CAS# 540-88-5 / TWA 100 ppm

Isoocetyl trimethoxysilane <9% CAS# 34396-03-7 / PEL 260 mg/m₃, 200 ppm – TWA 200 ppm

Section 3: Physical/ Chemical Characteristics

Boiling Point: 194-208°F **Specific Gravity (H₂O = 1):** .91

Vapor Pressure (mm Hg.): 1-3mm/Hg @ 20°C **pH:** 6 - 8

Vapor Density (Air = 1) : 3.7 - 4.2 **Evaporation Rate:** slower than nBuAc

Solubility in Water: negligible **Appearance and Odor:** Clear liquid w/ characteristic

Section 4: Fire and Explosion Hazard Data

Flash Point: 49°F **Flammable Limits LEL:** 1.0 **UEL:** 10.0

Extinguishing Media: Foam, CO₂, Dry chemical

Special Fire Fighting Procedures: Water may be ineffective in fighting fire. If water is used to cool containers, fog

nozzles are preferred. Full protective equipment, including self-contained breathing apparatus required.

Unusual Fire and Explosion Hazard: Overexposure to decomposition products may cause health hazard that is not readily apparent. Obtain medical attention.

Section 5: Reactivity Data

Stability: May be unstable under ambient conditions

Conditions To Avoid: Heat, ignition sources

Incompatibility (Materials to Avoid): Alkaline products, acids, oxidizers, reducing agents

Hazardous Decomposition or Byproducts: oxides of carbon & various hydrocarbons

Hazardous Polymerization: may occur

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Section 6: Health Hazard Data

Route(s) of Entry: Inhalation Skin and Eye Contact Ingestion

Health Hazards (Acute and Chronic): May be irritating to skin, eyes, mucous membranes

Carcinogenicity:

suspected by IARC (Group 2B)

Medical Conditions Generally Aggravated by Exposure: liver conditions, kidney conditions, neurological disorders, pregnancy, reproductive system disorders. Repeated overexposure can cause permanent brain and nervous system damage. Purposeful breathing of vapors can be fatal.

Emergency and First Aid Procedures

Inhalation: Move to fresh air. Administer artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical attention

Skin Contact: Wash affected area thoroughly with soap and water. Wash clothing before reuse.

Eye Contact: Rinse with running water for 15 mins. - hold eyelids apart while irrigating. Treat w/ Boric Acid solution

Section 7: Precautions for Safe Handling and Use

Steps to Be Taken if Material is Released or Spilled: Remove all potential sources of ignition. Confine spill & reclaim as much product as possible with absorbent inert material.

Waste Disposal Method: Dispose of in accordance with applicable federal, state, and local regulations.

Precautions to Be Taken in Handling and Storage: Normal precautions according to good housekeeping practices should be followed.

Other Precautions: Store in original containers, below 120°F.

Section 8: Control Measures

Respiratory Protection: NIOSH approved respirator in enclosed area or when threshold levels are met.

Ventilation

Local Exhaust:

Recommended

Mechanical (General):

Recommended

Special: None known **Other:** None

Protective Gloves: Chemical Resistant Gloves **Eye Protection:** Safety goggles or face shield

Other Protective Clothing or Equipment: Eyewash station / rubber apron

Work / Hygienic Practices: Normal good housekeeping practice

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