

MATERIAL SAFETY DATA SHEET

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DISTRIBUTOR'S NAME:
Classic Stamp Pad & Ink Co., Inc.
148 39th Street
Brooklyn, NY 11232

EMERGENCY TELEPHONE NO.
718 965-9393

DATE OF PREPARATION:
5-16-89

INFORMATION TELEPHONE NO.
718 965-9393

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER: 545 Cleaner

PRODUCT NAME: Classic Rubber Cement Thinner

PRODUCT CLASS: Cleaner - Thinner

SECTION II - HAZARDOUS INGREDIENTS

| INGREDIENT(S): | PERCENT: | OCCUPATIONAL EXPOSURE LIMITS: TLV | PEL* | VAPOR PRESSURE: | |
|----------------|-----------------|-----------------------------------|--------|-----------------|--------------|
| Lactol Spirits | Cas# 64742-89-8 | 100.00 | 100ppm | 300ppm | 60mmHg 20 C. |

This product is a petroleum hydrocarbon distillate containing the following percentages of ingredients:

| | | |
|----------------------------------|----------|-----------------|
| Cyclohexane | 0 - 5% | 300 |
| n-Heptane | 15 - 35% | 500 |
| Methylcyclohexane | 20 - 25% | 500 |
| Toluene | 5 - 20% | 200 |
| C6-C8 Paraffins & Cycloparaffins | 15 - 60% | Not Established |

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SECTION III - PHYSICAL DATA

EVAPORATION RATE: FASTER THAN ETHER
X SLOWER THAN ETHER

VAPOR DENSITY: X HEAVIER THAN AIR
LIGHTER THAN AIR

BOILING RANGE: 201-225 F. WT/GAL: 6.05 # % VOLATILE VOLUME: 100.0 %

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA: Class IB FLASH POINT: < 20 F.
DOT: Flammable LEL: 1

EXTINGUISHING MEDIA: X FOAM X CO2 WATER FOG
"ALCOHOL FOAM" X DRY CHEMICAL OTHER

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Flashback along vapor trail may occur. This material is extremely flammable and may be ignited by heat, sparks, flame or static electricity.

SPECIAL FIREFIGHTING PROCEDURES:

The use of a SCBA is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

EYE CONTACT:

This product may cause eye irritation.

SKIN CONTACT:

Direct contact with the liquid or exposure to its vapors or mists may cause burning, tearing and redness. Prolonged or repeated exposure to this material may cause redness and burning, drying and cracking of the skin and dermatitis. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

INHALATION (BREATHING):

Inhalation of excessive concentrations of vapors or mists may cause: irritation of the nose and throat. Signs of nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue). Irregular heartbeats (arrhythmias). Persons with impaired lung function or asthma-like conditions may experience additional breathing difficulties due to the irritant properties of this material.

INGESTION (SWALLOWING):

Ingestion of excessive quantities may cause: irritation of the digestive tract. Signs of nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue). Aspiration hazard - This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE X STABLE

HAZARDOUS POLYMERIZATION: MAY OCCUR X WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

CONDITIONS TO AVOID:

Keep product away from heat, sparks, pilot lights, static electricity, and open flame.

INCOMPATIBILITY (MATERIALS TO AVOID):

This product is incompatible with strong acids or bases, oxidizing agents and selected amines.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, flammable vapors from absorbed material.

WASTE DISPOSAL METHOD:

Dispose of in accordance with local, state and federal regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:

Avoid prolonged or repeated breathing of vapors. If exposure may or does exceed occupational exposure limits use a NIOSH approved respirator to prevent overexposure.

Comments:

This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA.
 This product has been associated with chromosome effects in workers exposed as high concentrations.
 Intentional misuse by deliberate inhalation of toluene has been shown to cause liver, kidney and brain damage.
 Pre-existing heart disorders may be aggravated by exposure to this material.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:

Preexisting eye, skin, and respiratory disorders, or preexisting impaired peripheral nerve function may be aggravated by exposure to this product.

PRIMARY ROUTE(S) OF ENTRY: X DERMAL X INHALATION INGESTION UNKNOWN

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT:

If irritation or redness from exposure to vapors develops, move victim away from exposure and into fresh air. If irritation or redness persists, seek medical attention. For direct contact, flush the affected eye(s) with clean water for at least 15 minutes. Seek medical attention.

SKIN CONTACT:

Remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation persists, seek medical attention.

INHALATION:

If symptoms of exposure develop (refer to effects of overexposure), move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention. If victim is not breathing, artificial respiration should be administered by qualified personnel. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

INGESTION:

*** Seek emergency medical attention *** If this product is swallowed, DO NOT induce vomiting.

VENTILATION:

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If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits (see section II), additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, systems safe for such locations should be used.

PROTECTIVE GLOVES:

The use of gloves impermeable to the specific material handled is advised to prevent skin contact, possible irritation and absorption.

EYE PROTECTION:

Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

OTHER PROTECTIVE EQUIPMENT:

It is suggested that a source of clean water be available in work area for flushing eyes and skin. Impervious clothing should be worn as needed.

HYGIENIC PRACTICES:

Wash with soap and water.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep containers tightly closed. Keep containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition; they may explode and cause injury or death. "Empty" containers should be completely drained, properly bunged and promptly shipped to the supplier or a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

OTHER PRECAUTIONS:

For industrial use only.

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