

# MATERIAL SAFETY DATA SHEET

<b>EDISON COATINGS, INC.</b> <b>3 NORTHWEST DRIVE</b> <b>PLAINVILLE, CT 06062</b> <b>(860)-747-2220</b>	IN CASE OF EMERGENCY, CALL INFOTRAC at <b>1-800-535-5053</b>	<b>HMIS RATINGS</b>	
		FIRE:	2
		HEALTH:	1
		REACTIVITY:	1

## SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME:	System 90-II Part A	D.O.T. CATEGORY:	3, Paint, Flammable Liquid UN1263, PG III
PRODUCT CLASS:	Masonry Weatherproofer and Consolidant	DATE OF PREPARATION:	12/8/00
PRODUCT TYPE:	Resin Solution in organic solvent blend with VOC-Exempt solvent	PREVIOUS REVISION:	11/97

## SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT	CONCENTRATION	CAS#	OSHA TLV
1-Chloro-4 (Trifluoromethyl) Benzene	< 50%	98-56-6	None Established
Aromatic petroleum distillates	<25%	64742-95-6	100 ppm
Multifunctional acrylate monomer	<10%	015625-89-5	None Established

SARA TITLE 3 SECTION 313:	YES
SUSPECTED CARCINOGEN:	NO

## SECTION 3 - PHYSICAL DATA

PHYSICAL STATE:	Mobile Liquid, Amber - Pale Yellow, with characteristic petroleum solvent odor	VAPOR PRESSURE:	(mm Hg at 70°F) 5.3 (PCTBF)
SPECIFIC GRAVITY:	(Water = 1) >1	VAPOR DENSITY:	(Air = 1) No Data.
DENSITY:	approx. 8.5 lbs/gallon	WATER SOLUBILITY:	< 1%
BOILING POINT:	> 200°F	EVAPORATION RATE (ETHER = 1): Slower	
MELTING POINT:	N/A		

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	> 109°F (PCBTF)
FLAMMABILITY CLASSIFICATION:	Flammable Liquid, UN1263
EXTINGUISHING MEDIA:	Foam, Water Spray, Carbon Dioxide (CO <sub>2</sub> ), Dry Chemical

SPECIAL FIREFIGHTING PROCEDURES:	Turn off all ignition sources. A face shield should be worn. Firefighters should wear butyl rubber boots, gloves, and body suit and a self-contained breathing apparatus. Retain expended liquids from firefighting for later disposal.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	May generate toxic or irritating combustion products, carbon monoxide gas. Personnel in vicinity and downwind should be evacuated. At temperatures above 200F pressure may build up in closed containers and explosive rupture is possible.

#### SECTION 5 - HEALTH HAZARD DATA

<u>EFFECTS OF OVEREXPOSURE</u>	
ACUTE:	<b>Eye Contact:</b> Injurious to eyes, severe irritation. <b>Skin Contact:</b> Irritation. May cause skin sensitization. <b>Ingestion:</b> Harmful if swallowed. <b>Inhalation:</b> Irritant.
SIGNS AND SYMPTOMS OF EXPOSURE (Acute Effects) Refer to attached data sheet for PCTBF.	
CHRONIC:	Repeated and/or prolonged exposures may result in: adverse eye effects (such as conjunctivitis or corneal damage), adverse skin effects (such as rash, irritation or corrosion).

<u>EMERGENCY FIRST AID PROCEDURES:</u>	
EYES:	Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Seek medical advice.
SKIN:	Remove product and immediately flush affected area with water for at least 15 minutes. Remove contaminated clothing and shoes. Cover the affected area with a sterile dressing or clean sheeting and transport for medical care. Control shock, if present. Launder contaminated clothing prior to reuse.
INHALATION:	Move patient to fresh air. If breathing has stopped or is labored give assisted respiration (e.g. mouth-to-mouth). Prevent aspiration of vomit. Turn victim's head to the side.
INGESTION:	In the event of ingestion, administer 3-4 glasses of milk or water. DO NOT INDUCE VOMITING. Seek medical advice.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	Eye disease, Skin Disorders, Lung disorders and Allergies.
PRIMARY ROUTE(S) OF ENTRY:	Eyes, Skin Contact and Absorption, Ingestion, Inhalation

#### SECTION 6 - REACTIVITY DATA

STABILITY:	Unstable	HAZARDOUS POLYMERIZATION:	May Occur
INCOMPATIBILITY:	(Materials to Avoid) Mineral acids (i.e. sulfuric, phosphoric, etc.). Organic acids (i.e. acetic acid, citric acid, etc.). Oxidizing Agents (i.e. perchlorates, nitrates, etc.)		
HAZARDOUS DECOMPOSITION PRODUCTS:	(from burning, heating, or reaction with other materials) Carbon Monoxide or Dioxide in a fire. Irritating and toxic fumes at elevated temperatures.		

### SECTION 7 - SPILL OR LEAKAGE PROCEDURES

CONTAINMENT TECHNIQUES:	Stop the leak, if possible. Ventilate the space involved. Reduce vapor spreading with a water spray. Shut off or remove all ignition sources. Construct a dike to prevent spreading.
WASTE DISPOSAL METHOD:	Comply with all Federal, State, and Local Regulations. If the recovery is not feasible, admix with dry soil, sand or non-reactive absorbent (sodium bisulfate) and place in a container or dumpster pending disposal. Transfer to containers by suction, preparatory for later disposal. Flush area with water spray. Clean-up personnel must be equipped with self-contained breathing apparatus and butyl rubber protective clothing. For large spills, recover spilled material with a vacuum truck.
OTHER EMERGENCY ADVICE:	Wear protective clothing, boots, gloves, and eye protection.

### SECTION 8 - SAFE HANDLING AND USE INFORMATION

STORAGE:	Keep away from: acids, oxidizers. Keep in cool, dry, ventilated storage and is closed containers. Store in steel containers preferably located outdoors, above ground, and surrounded by dikes to contain spills or leaks. Do not store in iron or other reactive metal containers.
OTHER PRECAUTIONS:	Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations (e.g. OSHA)
RESPIRATORY PROTECTION:	Organic vapor mask, NIOSH-approved.
VENTILATION:	Maintain air contaminant concentrations in the workplace at the lowest feasible levels, below TLV.
HAND PROTECTION:	Neoprene rubber gloves. Impermeable gloves. Cuffed butyl rubber gloves. Nitrile rubber gloves.
EYE PROTECTION:	Full face shield with goggles underneath.
OTHER PROTECTIVE EQUIPMENT:	Impervious clothing. Slick Suit, Rubber Boots, Full rubber suit (rain gear). Butyl or latex protective clothing.

### SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING:	Avoid contact with skin or eyes. When handling, do not eat, drink, or smoke.
WORK AND HYGIENIC PRACTICES:	Provide readily accessible eye wash stations and safety showers. Wash at the end of each workshift and before eating. Promptly remove clothing that becomes contaminated. Discard contaminated leather articles.

### SECTION 10 - REGULATORY INFORMATION

#### US FEDERAL REGULATIONS

#### TOXIC SUBSTANCES CONTROL ACT (TSCA) -

All components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

OSHA Hazard Communication Standard (29CFR1910.1200) Hazard Class(es)Flammable

EPA SARA TITLE Section 312: Immediate health hazard. Delayed Health hazard.