

MATERIAL SAFETY DATA SHEET

Date of Preparation: November 12, 2013

SECTION 1- PRODUCT AND COMPANY IDENTIFICATION

Product Name: SAFE TREAD
MSDS Number: SATPM / SATU
Product use: Prevent slips or falls & generally create a safe footing on concrete, wood, metal and other substrates
Chemical Family: Acrylic polymer pigments, fillers and water mixture
Manufacturer Name: Acry-Tech Coatings, Inc.
Street Address: 3601 NE 5th Avenue
Information Telephone: 800-771-6001
City: Oakland Park **State:** FL **Zip Code:** 33334
Emergency Telephone: INFOTRAC, 24hrs – (800) 535-5053

SECTION 2- COMPOSITION AND INFORMATION ON INGREDIENTS

Components	OSHA PEL	ACGIH TLV	CAS Number	% by Wt
Diethylene glycol	*NE	*NE	111-46-6	0.20
Ethylene glycol	*NE	*NE	107-21-1	0.04
Ammonia	25 ppm	25 ppm	1336-21-6	0.02

SECTION 3- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING! Harmful if swallowed. May cause eye and skin irritation

HMIS Rating: Health - 1 Flammability - 0 Reactivity - 0
NFPA Rating: Health - 1 Flammability - 0 Reactivity - 0

POTENTIAL HEALTH EFFECTS:

Routes of Entry: Inhalation? YES Skin? YES Ingestion? YES

Health Hazards (Acute and Chronic):

INHALATION – (ACUTE) NAUSEA, HEADACHE, RESPIRATORY IRRITATION; (CHRONIC) SEE CARCINOGENICITY BELOW; PROLONGED OCCUPATIONAL EXPOSURE TO SOLVENTS HAVE BEEN ASSOCIATED WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE; ALSO SEE MEDICAL CONDITIONS BELOW.

SKIN - (ACUTE) MILD DELAYED IRRITATION; (CHRONIC) DERMATITIS, ALSO SEE MEDICAL CONDITIONS BELOW.

EYES – (ACUTE) IRRITATION, CORNEAL DAMAGE IF NOT RINSED OR TREATED; (CHRONIC) – SAME.

INGESTION: MAY RESULT IN NAUSEA, VOMITING, AND/OR DIARRHEA.

Carcinogenicity: NTP? YES IARC MONOGRAPHS? YES OSHA REGULATED? YES

Signs and Symptoms of Exposure: **INHALATION:** TRANSIENT NARCOSIS OR HEADACHE ON PROLONGED EXPOSURE AT ELEVATED TEMPERATURES IN CONFINED AREAS. **SKIN:** MILD DELAYED SKIN IRRITATION. **EYES:** TEARING, REDNESS, IRRITATION.

Medical Conditions Generally Aggravated by Exposure: MAY ADVERSELY AFFECT RENAL, HEPATIC, NEUROLOGIC PROCESSES, SPLEEN AND THYROID.

SECTION 4- FIRST-AID MEASURES

Inhalation Remove to fresh air, seek medical attention
Skin Contact Wash with warm soapy water as soon as possible. If irritation persists, seek medical attention.
Eye Contact Flush with large amounts of potable water for 15 minutes and seek medical attention.
Other KEEP OUT OF REACH OF CHILDREN. If swallowed, give a glassful of water. Call a physician.

SECTION 5- FIRE AND EXPLOSION HAZARDS

Flammability (if yes under what conditions):	Non-Combustible
Flash Point (°F) & Method of determination	NE (Water based product)
Upper Flammability (% by volume)	N/A
Lower Flammability (% by volume)	N/A
Extinguishing Media	CO2 or dry chemical. Water aggravates spill cleanup.
Special Fire Fighting Procedures	Wear NIOSH/MSHA approved pressure demand self contained breathing apparatus.
Explosion Data	Material can spatter above 100 degrees Celsius. Dried film may burn.
Hazardous Combustion Products	N/A
Sensitivity to Static Discharge	N/A

SECTION 6- ACCIDENTAL RELEASE MEASURES

Personal Precautions: WEAR NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS IF IN POORLY VENTILATED AREA.

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL REGULATIONS.

Steps To Be Taken in Case Material is Released or Spilled: KEEP SPECTATORS AWAY! RECOVER USABLE MATERIAL TO CONTAINER FOR USE. SEPARATE UNUSABLE MATERIALS. KEEP SPILLS FROM SEWERS OR WATER.

Waste Disposal Method: SPREAD MATERIAL EVENLY ON PLASTIC FILM AND ALLOW TO DRY THOROUGHLY. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 7- HANDLING AND STORAGE

STORAGE REQUIREMENTS:

Do not store above 120 °F (48°C) or below 40°F (4°C). Use and store with adequate ventilation.

SPECIAL HANDLING INFORMATION

Do not allow to freeze. Protect containers from rupture. Avoid breathing vapors, especially in the head space above liquid. Deliberate ingestion or concentrating & inhaling vapors may be harmful or fatal. See label precautions. Avoid eye contact.

SECTION 8- EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY PROTECTION:	NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE
EYE PROTECTION:	If splash is likely, chemical goggles with side shields should be used.
SKIN:	Wear impervious gloves and clothing to avoid skin contact.
VENTILATION:	Local Exhaust: RECOMMENDED

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
APPEARANCE AND ODOR:	Slightly viscous gritty liquid with mild characteristic ether odor.
BOILING POINT:	>212°F (100°C)
FREEZING POINT:	32°F (0°C)
PRODUCT WEIGHT:	11.2 # per gallon
SPECIFIC GRAVITY:	(H2O=1) 1.27
pH:	8.0-9.0
VAPOR DENSITY:	(Air = 1) NE
VAPOR PRESSURE:	(mm HG) NE
SOLUBILITY:	Dilutable in water
EVAPORATION RATE:	<0.1
V.O.C.	0.66 lb/gal., 79 g/L

SECTION 10- STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable
CONDITIONS OF REACTIVITY:	N/A
CONDITION TO AVOID:	Temperatures >100C
INCOMPATIBILITY (materials to avoid):	Materials that react with water; oxidizers
HAZARDOUS POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Principally oxides of carbon and nitrogen at fire conditions

SECTION 11- TOXICOLOGICAL INFORMATION

LD50 (Oral, rat) =	Unknown
LD50 (Dermal, Rabbit) =	Unknown
Eye irritation (Rabbit) =	Unknown
Skin irritation (Rabbit) =	Unknown

SECTION 12- ECOLOGICAL INFORMATION

Based on ecotoxicity and environmental data for the individual ingredients in this specific formulation and for related cleaning product formulations, it is expected that this product would exhibit a non-hazardous order of toxicity at relevant environmental concentrations.

SECTION 13- DISPOSAL CONSIDERATIONS

Disposal procedures must be in accordance with Federal, State & Local regulations. Responsibility for proper waste disposal is with the owner of the waste. Waste from this product is not hazardous as defined under the RCRA 40 CFR 261. Do not incinerate closed container.

SECTION 14- TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME:	Not regulated for Transportation
DOT HAZARD CLASSIFICATION:	Not classified as a hazardous material under HM 181
DOT LABELING REQUIREMENT:	N/A

SECTION 15- REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA):	NO TSCA substances exist in this product
COMPREHENSIVE ENVIRONMENTAL AND REAUTHORIZATION ACT OF 1986 (SARA), TITLE III	
No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present	
SECTION 311/312 HAZARD CATEGORIES:	N/A
SECTION 313 REPORTABLE INGREDIENTS:	N/A

SECTION 16- OTHER USEFUL INFORMATION

***N/A – Not Applicable *N/K – Not Known**

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.

The information contained herein has been compiled from sources considered by Acry-Tech Coatings, Inc. to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or any other process. Acry-Tech Coatings, Inc. assumed no responsibility for injury to the recipient or third persons, for any damage to any property resulting from misuse of the controlled product.

Additional information: The information in this Material Safety Data Sheet reflects the latest information and data we have on hazards, properties and handling of this product under the recommended conditions of use. Any use of this product that is not described in the Technical Data Sheet is the sole responsibility of the user.