

# MATERIAL SAFETY DATA SHEET

Date of Preparation: November 27, 2013

## SECTION 1- PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** SOFT / SAFE TREAD WOOD & CONCRETE PRIMER – Water-based Acrylic Penetrating Primer  
**MSDS Number:** SOTSATWCP  
**Product use:** Single component, water-based acrylic penetrating primer for porous concrete and wood substrates  
**Chemical Family:** Acrylic polymer and water mixture  
**Manufacturer Name:** Acry-Tech Coatings, Inc.  
**Street Address:** 3601 NE 5<sup>th</sup> 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
Dipropylene glycol n butyl ether	*NE	*NE	29911-28-2	1.40
Bicyclic oxazolidines	*NE	*NE	56709-13-8	0.025

## 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) PROLONGED OCCUPATIONAL EXPOSURE TO SOLVENTS HAVE BEEN ASSOCIATED WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE; ALSO SEE MEDICAL CONDITIONS BELOW. **SKIN** – (ACUTE) MILD DELAYED IRRITATION; (CHRONIC) DERMATITIS; ALSO SEE MEDICAL CONDITIONS BELOW. **EYES** – (ACUTE) IRRITATION, IRREVERSIBLE CORNEAL DAMAGE IF NOT RINSED OR TREATED; (CHRONIC) SAME.

**Carcinogenicity:** NTP? YES IARC Monographs? YES OSHA Regulated? YES

**Signs and Symptoms of Exposure:** **INHALATION** – TRANSIENT NARCOSIS OR HEADACHE WITH PROLONGED EXPOSURE AT ELEVATED TEMPERATURES IN CONFINED AREAS. **SKIN** – MILD, DELAYED SKIN IRRITATION. **EYES** – TEARING, REDNESS, IRRITATION. **INGESTION** – MAY CAUSE VOMITING AND/OR DIAHREAH.

**Medical Conditions Generally Aggravated by Exposure:** MAY ADVERSELY AFFECT RENAL, HEPATIC, NEUROLOGICAL 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.  
**Eyes** FLUSH WITH CLEAN WATER FOR 15 MINUTES AND SEEK MEDICAL ATTENTION.  
**Ingestion** GIVE A FULL GLASS OF WATER AND CONTACT PHYSICIAN.  
**Other** KEEP OUT OF REACH OF CHILDREN.

## SECTION 5- FIRE AND EXPLOSION HAZARDS

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

## SECTION 6- ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** None

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

**Steps To Be Taken in Case Material is Released or Spilled:** KEEP ALL SPECTATORS AWAY! FLOOR MAY BE SLIPPERY, USE CARE TO AVOID FALLING. WEAR NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS IF IN POORLY VENTILATED AREA. DIKE AND CONTAIN SPILL WITH INERT MATERIAL. 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 eye contact. Keep container closed.

**OTHER PRECAUTIONS:** AVOID BREATHING VAPORS, ESPECIALLY IN THE HEAD SPACE ABOVE LIQUID. DELIBERATE INGESTION OR CONCENTRATING AND INHALING VAPORS MAY BE HARMFUL OR FATAL.

## SECTION 8- EXPOSURE CONTROLS AND PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE FOR CONFINED AREA.

**VENTILATION:** Local Exhaust: RECOMMENDED      Mechanical (General): RECOMMENDED

**SPECIAL:** NA

**OTHER:** NA

**PROTECTIVE GLOVES:** IMPERVIOUS

**EYE PROTECTION:** CHEMICAL SPLASH GOGGLES

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** AS REQUIRED TO PREVENT SKIN CONTACT.

## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE:</b>	Liquid
<b>APPEARANCE AND ODOR:</b>	White medium viscosity liquid with mild characteristic ether odor.
<b>BOILING POINT:</b>	>212°F (100°C)
<b>FREEZING POINT:</b>	32°F (0°C)
<b>PRODUCT WEIGHT:</b>	<b>8.25 #</b> per gallon
<b>SPECIFIC GRAVITY:</b>	(H2O=1) 1.116
<b>pH:</b>	8.0 – 9.0
<b>VAPOR DENSITY:</b>	(Air = 1) NE
<b>VAPOR PRESSURE:</b>	(mm HG) NE
<b>SOLUBILITY:</b>	Dilutable in water
<b>EVAPORATION RATE:</b>	<0.1
<b>V.O.C.</b>	0.45lb/gal., 54g/L (as applied)

## SECTION 10- STABILITY AND REACTIVITY

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

## SECTION 11- TOXICOLOGICAL INFORMATION

LD50 (Oral, rat) =	Bicyclic Oxazolidines 2974 mg/kg
LD50 (Dermal, Rabbit) =	Bicyclic Oxazolidines > 2000 mg/kg
Eye irritation (Rabbit) =	No data available
Skin irritation (Rabbit) =	No data available

## 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

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

## SECTION 15- REGULATORY INFORMATION

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