

Manufactured by:
TENNANT
701 North Lilac Drive
P.O. Box 1452
Minneapolis, MN 55440-1452

MATERIAL SAFETY DATA SHEET

Eco-UVS™ - Part B

InstaCure™ Solution



EMERGENCY PHONE NUMBERS:

CHEMTREC: (800) 424-9300 (24 hrs)
CANADA: CANUTEC (613) 996-6666 (24 hrs)

District of Columbia: (202) 483-7616 (24 hrs)
MSDS Requests: (800) 553-8033

PREPARATION INFO:

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This Material Safety Data Sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.

Issue Date:	June 28, 2011	HAZARD RATING	NFPA	HMS	NFPA	HMS	4 = Extreme	3 = High	0 = Insignificant
Supersedes:	September 18, 2008	Health	1	1	Reactivity	1	2 = Moderate	1 = Slight	COR = Corrosive
Printed:	7/11/2011	Fire	1	1	Special	0			X = Ask supervisor for guidance.

***** I. IDENTIFICATION *****

PRODUCT NAME: Eco-UVS™ - Part B

US DEPT OF TRANSPORTATION (GROUND):

InstaCure™ Solution

UN#: None Allocated

PACKAGING GROUP: Not Applicable

PART NUMBER: 9000437

HAZARD CLASSIFICATION: Non Regulated

CHEMICAL FAMILY: Crosslinking Resin

SHIPPING NAME: Not Applicable

MATERIAL USE: Light Polymerizable Floor Coating

***** II. PHYSICAL DATA *****

BOILING POINT:	Not Available	/	Not Available	FREEZE POINT:	Not Available	/	Not Available
DENSITY:	1.2 kg/L			% VOLATILE:	0 by wt		
SOLUBILITY IN WATER:	Not Soluble			VAPOR PRESSURE:	Not Available		mm Hg at 20 °C.
ODOR THRESHOLD:	Not Available			pH:	Not Available		
PHYSICAL FORM:	Liquid			VAPOR DENSITY:	Heavier		THAN AIR
APPEARANCE AND ODOR:	Clear/Pungent/Soap-like			COEFFICIENT WATER/OIL DISTRIBUTION:	Not Available		
EVAPORATION RATE:	Slower		THAN N-BUTYL ACETATE	VOC g/L (lb/gal):	10 (0.08)		
MECHANICAL IMPACT:	Not Available			STATIC DISCHARGE:	Not Available		

***** III. INGREDIENTS *****

All components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory. Hazardous ingredients, defined as Controlled Products by Canadian WHMIS, are identified by (HZD) after the chemical ingredient. This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations) and the MSDS contains all of the information required by the CPR.

CHEMICAL	CAS #	% W	OSHA PEL ppm	ACGIH TLV TWA ppm	ACGIH TLV STEL ppm	LD50	LC50 INHALATION
Crosslinking Agent	*	80-90	Not Available	Not Available	Not Available	866 mg/kg (oral mouse)	238 ppm (96 hr orange-r killifish)
Phosphine Oxide	*	5-10	Not Available	Not Available	Not Available	>5,000 mg/kg (oral rat)	Not Available
Aryl Ketone	*	5-10	Not Available	Not Available	Not Available	Not Available	Not Available
Flow Additive (HZD)	*	1-5	10 mg/m ³	10 mg/m ³	Not Available	0.89 g/kg (oral rat)	Not Available
Proprietary Additive	*	1-5	Not Available	Not Available	Not Available	Not Available	Not Available
Xylene (mixed)	1330-20-7	<1	100	100	150	4300 mg/kg (oral rat)	5000 ppm/4hr (rat)

*Proprietary - Listed in TSCA C.S. Inventory

SARA Title III Section 313 Information: Components present in this product at a level which could require reporting under this statute are:

Xylene - CAS #1330-20-7 0.72% by wt.

California Proposition 65 Information: This product contains the following chemicals designated as cancer and/or reproductive hazards under California Proposition 65.

None

***** IV. FIRE AND EXPLOSIVE HAZARD DATA *****

FLAMMABLE: No **FLASH POINT:** Not Available / Not Available Setaflash
FLAMMABLE LIMITS: % LEL: Not Available % UEL: Not Available **AUTOIGNITION TEMPERATURE:** Not Available / Not Available
EXTINGUISHING MEDIA: Use National Fire Protection Association (N.F.P.A.) Class B extinguishers (carbon dioxide, dry chemical or foam).
SPECIAL FIRE FIGHTING PROCEDURES:
Use water spray to keep fire-exposed containers cool. Wear self-contained breathing apparatus; wear goggles if eye protection is not provided.
UNUSUAL FIRE EXPLOSION HAZARD:
Keep containers tightly closed. Closed containers may explode when exposed to extreme heat. Do not apply to hot surfaces.

***** V. REACTIVITY DATA *****

STABILITY: Stable **HAZARDOUS POLYMERIZATION (May Occur/Will Not Occur):** May
CONDITIONS TO AVOID: Excessive or prolonged heat, light.
INCOMPATIBILITY (materials to avoid): None known.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.

***** VI. HEALTH HAZARD DATA *****

EFFECTS OF OVEREXPOSURE: **THRESHOLD LIMIT VALUE - See Section III for individual ingredients.**
PRIMARY ROUTES OF ENTRY: Inhalation & Skin Contact
SKIN CONTACT/ABSORPTION: Contains materials which may cause skin irritation.
EYE CONTACT: Contains materials which may cause eye irritation. During application/use of this product, contact lenses should NOT be worn.
INGESTION (Swallowing):
Small amounts, if swallowed, are not expected to cause injury; avoid swallowing.
INHALATION (Breathing):
Under normal product use, inhalation exposure should be minimal. Contains materials which have the potential to cause headaches, nausea, dizziness and respiratory tract irritation upon inhalation of vapors heated to high temperatures.
SUPPLEMENTAL HEALTH INFORMATION:
Ingredients are NOT carcinogenic, based on the International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP) lists.

***** VII. EMERGENCY AND FIRST AID PROCEDURES *****

SKIN CONTACT: IMMEDIATELY wash exposed areas with soap and water for 15 minutes. Seek medical attention if irritation develops and persists.
Wash clothing before reuse.
EYE CONTACT: Flush immediately with water for 15 minutes; CALL A PHYSICIAN.
INGESTION (Swallowing): If appreciable quantities are swallowed, seek medical attention. DO NOT induce vomiting.
INHALATION (Breathing): Remove to fresh air. If breathing difficulty persists or occurs later, consult a physician.

***** VIII. PREVENTIVE MEASURES *****

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

Keep spectators away. Floor may be slippery; use care to avoid falling. Dike and contain the spill with inert material (sand, earth, fuller's earth, etc.) and if appropriate, transfer the liquid and solid diking material to separate containers for recovery or disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Wash clothing before reuse. Keep spill out of all sewers and open bodies of water.

WASTE DISPOSAL METHOD: Dispose of all excess material, packaging and other waste in accordance with federal, state and local regulations.

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION and VENTILATION:

Use with adequate ventilation. Where ventilation is inadequate, wear a chemical respirator approved for organic vapors. Use NIOSH 42 CFR 84 approved respirator.

Local exhaust recommended to control employee exposure.

PROTECTIVE GLOVES (specify type):

Impervious gloves; i.e., rubber

EYE PROTECTION (specify type):

Chemical splash goggles

SKIN PROTECTION: Protective clothing, such as uniforms or coveralls and protective gloves. Launder clothing when soiled.

SPECIAL PRECAUTIONS: PRECAUTIONS TO BE TAKEN IN HANDLING OR STORAGE:

Store inside in a cool (below 100°F or 37.5°C), dry place. KEEP FROM FREEZING.

OTHER PRECAUTIONS: Do not take internally. Avoid prolonged contact with skin; contaminated clothing should be removed immediately. Avoid free fall of liquid in excess of a few inches.