



MATERIAL SAFETY DATA SHEET

5601 Eastport Blvd.
Richmond, VA 23231
1-800-280-6013

Emergency Phone Number: 800-424-9300

SECTION I – PRODUCT IDENTIFICATION

Date Prepared: 09-20-2010

Product Code: ICUVW
Product Name: Instacure UV White
Product Class: UV Curable Ink

HMIS
Health: 2
Flammability: 1
Reactivity: 1

SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	C.A.S.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
ACRYLATE ESTER BLEND	TS	NE	NE	
RESIN	TS	NE	NE	
KETONE INITIATOR	TS	NE	NE	

ALL COMPONENTS USED ARE EITHER LISTED OR EXCLUDED FROM LISTING ON THE TSCA INVENTORY.

*SARA TITLE III SECTION 313 INFORMATION:

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE ANNUAL REPORTING REQUIREMENTS OF SECTION 313 TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR 372.

SINGLE ACRYLATE IN BLEND IS CONSIDERED A MEMBER OF THE GLYCOL ETHER FAMILY.

DOT/IATA SHIPPING INFORMATION

DOT: NOT REGULATED
IATA: NOT REGULATED

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Range:	>150°C	Evaporation Rate: Butyl Acetate = 1	N/A
Vapor Pressure:	1 MMHG @20°C	Melting Point	N/A
Vapor Density:	Air = 1 Heavier than air	Solubility in Water:	Negligible
Specific Gravity: H20=1	1.43	Appearance and Odor:	White, Acrylate Odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flashpoint:	>200°F	Extinguishing Media:	Alcohol Foam C02 Dry Chemical Water Fog
Flammable Limits:			
LEL	Unknown	Corrosive:	No
UEL	Unknown		

SPECIAL FIREFIGHTING PROCEDURES:

FULL PROTECTIVE EQUIPMENT IS RECOMMENDED TO PROTECT FIRE FIGHTERS FROM ANY HAZARDOUS DECOMPOSITION PRODUCTS. WATER MAY BE UNSUITABLE FOR USE ON BURNING LIQUIDS. IF WATER MUST BE USED, FOG NOZZLES ARE HIGHLY PREFERABLE. WATER MAY BE USED TO COOL CLOSED



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CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTO-IGNITION, EXPLOSION, OR RUPTURE WHEN EXPOSED TO EXTREME HEAT.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAMES. CLOSED CONTAINERS MAY RUPTURE OR EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CONSTITUTE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

SECTION V – STABILITY AND REACTIVITY DATA

Stability:	Under Normal Conditions	Conditions to Avoid:	Strong Acids, Oxidizers, Alkali Metal Hydroxides, Polymerization Initiators, Peroxides, Inert Gases, Amines, Extreme Temperatures, Direct sunlight, X-ray Sources, Electron Beam Sources, UV Radiation Sources
Hazardous Decomposition or Byproducts			Carbon Monoxide, Carbon Dioxide, Mixed Oxides of Nitrogen, Sulfur and Methacrylate Monomers
Hazardous Polymerization			See Above

SECTION VI – HEALTH HAZARD DATA

Routes of Entry:	Inhalation, Eye, Skin, Ingestion
Health Hazards: Acute/Chronic	May cause skin sensitization, Dermatitis. Acrylates have been reported to be mutagenic only in the mouse, Lymphoma assay, but negative in the Ames test.
Carcinogenicity:	None Known
NTP: OSHA:	Unknown
IARC Monographs:	Unknown

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

INGESTION: MAY CAUSE IRRITATION OF THE MOUTH, THROAT, ESOPHAGUS, AND STOMACH. THERE MAY BE DISCOMFORT OR PAIN IN THE MOUTH, THROAT, CHEST AND ABDOMEN, WITH NAUSEA, VOMITING, DIARRHEA, DIFFICULTY SWALLOWING, WEAKNESS, THIRST, DIZZINESS, AND DROWSINESS. ASPIRATION INTO THE LUNGS MAY OCCUR DURING INGESTION OR VOMITING, RESULTING IN LUNG INJURY.

INHALATION: EXPOSURE TO VAPORS IS UNLIKELY DUE TO LOW VAPOR PRESSURE OF INGREDIENTS, BUT INHALATION OF MIST, AEROSOLS, OR VAPORS MAY RESULT IN IRRITATION OF RESPIRATORY TRACT COUGHING, SHORTNESS OF BREATH AND DIZZINESS.

SKIN: CONTAINS MATERIAL THAT MAY CAUSE SEVERE SKIN IRRITATION (REDDENING AND SWELLING) AND/OR SENSITIZATION. PROLONGED CONTACT MAY CAUSE BLISTER FORMATION (BURNS). SINCE IRRITATION MAY NOT OCCUR IMMEDIATELY, CONTACT CAN GO UNNOTICED.

EYE: CONTAINS MATERIALS THAT MAY CAUSE MODERATE IRRITATION, INCLUDING BURNING SENSATION TEARING, REDNESS OR SWELLING.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

DERMATITIS, LUNG CONDITIONS (I.E. ASTHMA), SENSITIZATION, ALLERGIES, SKIN AND EYE CONDITIONS.

SECTION VII – EMERGENCY AND FIRST AID PROCEDURES

INGESTION: DRINK TWO GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONSULT PHYSICIAN OR POISON CONTROL



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CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY. BE PREPARED TO PROVIDE THE ATTENDING PHYSICIAN WITH A COPY OF THIS DOCUMENT.

INHALATION: REMOVE VICTIM TO A WELL VENTILATED AREA. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS REQUIRED. TREAT SYMPTOMATICALLY AND CONSULT PHYSICIAN.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY WITH MILD SOAP AND WARM WATER. CONSULT A PHYSICIAN IF THERE IS ANY PERSISTING IRRITATION.

EYE CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST FIFTEEN MINUTES. CONSULT PHYSICIAN.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: EXPOSURE TO VAPORS IS UNLIKELY DUE TO LOW VAPOR PRESSURE OF INGREDIENTS, BUT INHALATION OF MIST, AEROSOLS OR VAPORS MAY RESULT IN IRRITATION OF RESPIRATORY TRACT COUGHING, SHORTNESS OF BREATH AND DIZZINESS. IF VAPORS OR MIST EXCEEDS AIR MONITORING LEVELS, A NIOSH APPROVED RESPIRATOR MAY BE USED.

VENTILATION: LOCAL EXHAUST RECOMMENDED WHEN APPROPRIATE TO CONTROL EXPOSURE TO MISTS OR AEROSOLS. GENERAL EXHAUST IS NORMALLY ADEQUATE TO MINIMIZE EXPOSURE TO VAPORS.

PROTECTIVE EQUIPMENT: GLOVES AND SAFETY GLASSES ARE RECOMMENDED.

WORK/HYGIENIC PRACTICES:

WASH HANDS BEFORE EATING, USING TOBACCO PRODUCTS, OR USING THE WASHROOM. TOBACCO AND FOOD SHOULD BE CONSUMED IN DESIGNATED AREAS ONLY.

SECTION IX – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF RELEASED OR SPILLED

PLACE LEAKING CONTAINERS IN A WELL VENTILATED AREA. AVOID BREATHING VAPORS. ELIMINATE ALL SOURCES OF HEAT, AS WELL AS ALL CONDITIONS NOTED IN SECTION VII, ABOVE. NOTIFY PROPER AUTHORITIES IF PUBLIC WATERS OR SEWERS ARE CONTAMINATED.

WASTE DISPOSAL METHODS:

THIS MATERIAL MUST BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL ORDINANCES. INQUIRE OF YOUR LOCAL ENVIRONMENTAL AGENCIES FOR THE EXACT LEGAL REQUIREMENTS IN YOUR AREA.

REFER TO SECTIONS IV, V, VI, VII AND IX OF THIS DOCUMENT BEFORE ATTEMPTING ANY CLEANUP.

SECTION X – DISCLAIMER

The user's attention is drawn to the risks brought upon by the misuse of the product. This data sheet does not exempt the user from knowing and applying the regulations corresponding to his activity. It is his own responsibility to take the precautions according to his use of the product.

For industrial use only. Keep this and all chemicals out of the reach of children.

Drytac Corporation makes no warranty, expressed or implied, as to the accuracy or liability of the information and data contained herein. It is believed to be accurate at the time of preparation and has been obtained from sources believed to be generally reliable. No warranty or liability for the accuracy is made and no liability will be assumed for claims arising from any party's use of or reliance on information



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or recommendations contained herein. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Drytac Corporation urges the customer receiving this material safety data sheet to study it carefully to become aware of hazards, if any, of the products involved. In the interest of safety, you should (1) Notify your employees, agents and contractors of the information on this sheet, (2) Furnish a copy to each of your customers for this product, and (3) Request your customers to inform their employees, customers, and agents as well.