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MATERIAL SAFETY DATA SHEET

EMERGENCY CALL: CHEMTREC – US (800) 424-9300 Direct (888) 649-4666

SECTION I - IDENTIFICATION OF SUBSTANCE

Product name(s): INSTACure SuperFlex Gloss
Product code(s): ICUVSFG
Product use: UV Curable Liquid Laminate
Rev Date: 04-21-2009

SECTION II - COMPONENTS / SARA III INFORMATION

COMPONENTS	CAS#	OSHA PEL	ACGIH TLV
Acrylated Ester Blend	TS	NE	NE
Resin	TS	NE	NE
Acrylated Ester*	TS	NE	NE

All components used are either listed or excluded from listing on the TSCA inventory.

SARA TITLE III SECTION 3131 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. Meet the definition of the Glycol ether category 25-30%.

DOT/ATA Shipping information: DOT: Not regulated

HMIS RATNG: Health =2; Flammability 1; Reactivity 1

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Range:	>150° C		
Vapor Pressure: MMHG	<1MM HG @ 20°C		
Vapor Density	Air = 1, Heavier than air		
Specific Gravity: H20=1	1.07		
Solubility in Water:	Negligible	Appearance and Odor:	Clear Acrylate Odor
Melting Point:	N/A	Evaporation Rate: Butyl Acetate = 1	N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flashpoint: >200 deg F
Flammable limits in air by volume LEL: Unknown UEL: Unknown
Extinguishing Media: Alcohol Foam CO2, Dry chemical water fog
Corrosive: No

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 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 - 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
Hazardous Decomposition or by products			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. Crylates 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: DO NOT INDUCE VOMITING. 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: 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.

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 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 VII - PRECAUTIONS FOR SAFE HANDLING AND USE



STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Place 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:

As a hazardous waste, 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 VIII – CONTROL MEASURES

RESPIRATORY PROTECTION:

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.

RECOMMENDED PROTECTIVE EQUIPMENT: Gloves and safety glasses.

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 - 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 used of the product.

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

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