

MATERIAL SAFETY DATA SHEET

SECTION 1 — MATERIAL IDENTIFICATION

PRODUCT NAME: SmartCoat ESD Epoxy
PRODUCT CLASS: Water based, two part epoxy floor coating
MANUFACTURED FOR: Julie Industries, Inc.
355 Middlesex Avenue
Wilmington, MA 01887
www.staticsmart.com
TELEPHONE NUMBER: 978-988-8802
EMERGENCY TELEPHONE NUMBER: 800-255-3924 or Poison Center
REVISION DATE: July 2005

SECTION 2 — HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS Number	PEL ppm	TWA ppm	STEL ppm	Other Limits (IDLH)	%
2-Butoxyethanol*	# 111-76-2	50	25	N/A	700 ppm	< 30
Dieth. Glycol Meth. Ether*	# 111-77-3	N/A	N/A	N/A		< 7
Isopropanol	# 67-63-0	400	400	500	12000 ppm	< 6

*Listed chemical subject to reporting requirement of SCT.313 of Title III

SECTION 3 — PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F): 210
SPECIFIC GRAVITY (WATER=1): 1.12
VAPOR PRESSURE (mm Hg): 0.6
VAPOR DENSITY (AIR=1): 2.1
VISCOSITY (CPS): 375
pH: 6.5 +/- .5
APPEARANCE AND ODOR: Light colored milky liquid, glycol odor
EVAPORATION RATE (Butyl Acetate = 1): 0.3
SOLUBILITY IN WATER: Complete
MELTING POINT: N/A
DECOMPOSITION TEMPERATURE: N/A
AUTO IGNITION TEMP.: N/A

SECTION 4 — FIRE AND EXPLOSION DATA

FLASH POINT (°F):	TCC 142° F
LOWER FLAMMABLE LIMIT:	N/A
UPPER FLAMMABLE LIMIT:	N/A
EXTINGUISHING MEDIA:	Water spray
FIRE-FIGHTING PROCEDURE:	Cool containers with water
FIRE AND EXPLOSION HAZARDS:	Slight

SECTION 5 — REACTIVITY DATA

CHEMICAL STABILITY:	Stable
CONDITIONS TO AVOID:	N/A
INCOMPATIBILITY:	Acids, bases, strong oxidizers
POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION OR BYPRODUCT:	Thermal decomposition may yield carbon monoxide

SECTION 6 — HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:	Eyes, skin, ingestion, inhalation
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	Sensitized skin
POTENTIAL HEALTH EFFECTS	
ACUTE:	Causes eye and skin irritation, dryness.
CHRONIC:	May cause headache, dizziness or sensitive skin.
CARCINOGENICITY:	No.
SIGNS AND SYMPTOMS OF EXPOSURE:	Redness, irritation of eyes, skin, mucous membranes, dizziness.
N.T.P:	N/A
IARC Monographs:	N/A
OSHA Regulated:	NO

SECTION 7 — FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:	Wash contact areas with plenty of water: 15 minutes.
INGESTION:	Give milk, water or citrus juice, induce vomiting with oil of ipecac. Move subject to fresh air. Call physician immediately.

SECTION 8 — PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN

IF MATERIAL IS SPILLED OR RELEASED: Absorb with rags, clay or paper. Collect and place in plastic waste container. Water rinse residues and small amounts. (biodegradable)

WASTE DISPOSAL METHOD: Use sanitary landfill disposal. Follow federal, state and local regulations. (RCRA; subtitle D)

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store at room temperature. Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing, Store above 40°F.

OTHER PRECAUTIONS: KEEP OUT OF THE REACH OF CHILDREN.

SECTION 9 — EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not required with normal use in well ventilated area.

EYE/FACE PROTECTION: Safety glasses recommended.

SKIN PROTECTION: Rubber or plastic gloves required.

VENTILATION: Mechanical exchange recommended.
Assure fresh air circulation.

WORK/HYGIENIC PRACTICES: Do not eat or drink next to material, wash hands after working with material.

SECTION 10 — TRANSPORTATION 49 CFR

OSHA: Class II combustible liquid

Report Qty (lbs.): N/A

DOT: Combustible liquid exempt per 49 CFR 173.150 (F)

LABELS: None required

UN: Combustible liquid, not regulated

SECTION 11 — OTHER INFORMATION

HMIS RATINGS:

Health: 1
Flammability: 1
Reactivity: 0
Personal Protective Equipment: B

HAZARD RATING SCALE: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe

The product manufacturer believes the statements, technical information and recommendations contained herein are reliable. They are given without warranty or guarantee of any kind, expressed or implied.

Vendor assumes no responsibility for injury to vendee or third person proximately caused if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Further more, vendee assumes the risk in use of the material.