

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: DRYLOK E-1 EPOXY FLOOR PAINT – ALL COLORS  
PRODUCT CODE: 82, 83, 84, 85, 87

HMIS CODES: H F R P  
1 0 0

## SECTION I – MANUFACTURER IDENTIFICATION

MANUFACTURE'S NAME: UNITED GILSONITE LABORATORIES  
ADDRESS: 1396 JEFFERSON AVENUE  
SCRANTON, PA 18509

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## SECTION II – HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mmHg@TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
WATER	7732-18-5	NOT ESTAB	NOT ESTAB	NOT ESTAB	1.0 (68F)	55-57
ALUMINUM SILICATE	1332-58-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	N/A	5
EPOXY/ACRYLIC HYBRID	NOT ESTAB	NOT ESTAB	10 MG/M <sup>3</sup> (TWA)	NOT ESTAB	N/A	17-20
DIPROPYLENE GLYCOL MONO- BUTYL ETHER	29911-28-2	NOT ESTAB	NOT ESTAB	NOT ESTAB	.060 (68F)	<5
PROPYLENE GLYCOL	57-55-6	NOT ESTAB	NOT ESTAB	NOT ESTAB	0.2 (68F)	<5

No toxic chemical (s) subject to the reporting requirements of Section 313 of Title III and of CFR 372 are present

SEE SECTION IX FOR LIST OF ADDITIONAL INGREDIENTS

## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING RANGE:** 212 F  
**VAPOR DENSITY:** HEAVIER THAN AIR  
**COATING V.O.C.:** DOES NOT EXCEED MAXIMUM VOC 250 G/L (VOS 2.09 LB/GAL)  
**SOLUBILITY IN WATER:** SOLUBLE  
**APPEARANCE AND ODOR:** WHITE OR COLORS, PRODUCT SPECIFIC. TYPICAL AMINE ODOR

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.18  
**EVAPORATION RATE:** SLOWER THAN ETHER

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** N/A  
**FLAMMABLE LIMITS IN AIR BY VOLUME:**  
**EXTINGUISHING MEDIA:** NONE KNOWN  
**SPECIAL FIRE FIGHTING PROCEDURES:** CONTAINERS MAY SWELL AND BURST DURING A FIRE DUE TO INTERNAL PRESSURE CAUSED BY HEAT. THIS MAY CAUSE A SLIPPERY CONDITION ON FLOORS

**METHOD USED:** N/A  
**LOWER:** N/A      **UPPER:** N/A

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N/A

## SECTION V – REACTIVITY DATA

**STABILITY:** PRODUCT IS STABLE

**CONDITIONS TO AVOID:** TEMPERATURES BELOW 32 (F) FOR STORAGE. TEMPERATURES BELOW 50 (F) FOR APPLICATION

**INCOMPATIBILITY (MATERIALS TO AVOID):** N/A

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** N/A

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

## **SECTION VI – HEALTH HAZARD DATA**

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** IN IT'S WET STATE, THIS PRODUCT SHOULD NOT POSE ANY THREAT TO HEALTH DUE TO OVEREXPOSURE

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** DIRECT CONTACT MAY CAUSE BURNING, TEARING, REDNESS AND SWELLING

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** CAN CAUSE SLIGHT IRRITATION

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** MAY PRODUCE SIGNS OF INTOXICATION CHARACTERIZED BY INCOORDINATION, DIZZINESS, HEADACHE, NAUSEA, MENTAL CONFUSION, SLURRED SPEECH DEPENDING ON THE QUANTITY OF MATERIAL INGESTED

**HEALTH HAZARDS (ACUTE AND CHRONIC)** NONE KNOWN

**CARCINOGENICITY:** NTP? NO IARC MONOGRAPHS? YES OSHA REGULATED? NO  
TITANIUM DIOXIDE HAS BEEN CHARACTERIZED BY IARC AS POSSIBLY CARCINOGENIC TO HUMANS (GROUP 2B) THROUGH INHALATION (NOT INGESTION). THIS CLASSIFICATION IS BASED UPON ANIMAL INHALATION STUDIES. EPIDEMIOLOGY STUDIES DO NOT SUGGEST AN INCREASED RISK OF CANCER IN HUMANS FROM OCCUPATIONAL EXPOSURE TO TITANIUM DIOXIDE.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** INHALATION OF THE SPRAYED MATERIAL OR THE DUST FROM SANDING THE DRY FILM CAN AGGRAVATE RESPIRATORY CONDITIONS

### **EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.

**SKIN:** WASH AFFECTED AREA WITH SOAP AND WATER. CONSULT A PHYSICIAN IF IRRITATION PERSISTS

**INGESTION:** GIVE ONE OR TWO GLASSES OF WATER. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS DO NOT GIVE ANYTHING BY MOUTH. CONSULT A PHYSICIAN, MEDICAL FACILITY OR POISON CONTROL CENTER FOR ADVISE ABOUT WHETHER TO INDUCE VOMITING

**INHALATION:** REMOVE VICTIM TO FRESH AIR

## **SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** DIKE AREA AROUND SPILL. APPLY ABSORBENT MATERIAL, THEN SWEEP UP AND PLACE IN PROPER CONTAINERS

**WASTE DISPOSAL METHOD:** DISPOSE OF IN APPROVED SITES ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** AVOID BRATHING DUST. KEEP FROM FREEZING. STORE MATERIAL IN AREAS WHERE TEMPERATURES RANGE FROM 50 (F) TO 90 (F)

**OTHER PRECAUTIONS:** N/A

## **SECTIONS VIII – CONTROL MEASURES**

**RESPIRATORY PROTECTION:** WHEN SPRAYING OR SANDING DRY FILM, USE NIOSH APPROVED RESPIRATORS WITH SOLID PARTICULATE CARTRIDGES

**VENTILATION:** USE ADEQUATE VENTILATION IN VOLUME AND PATTERN TO MAINTAIN EXPOSURE LEVELS BELOW THAT LISTED IN SECTIONS II & IX

**PROTECTIVE GLOVES:** USE NEOPRENE RUBBER GLOVES TO PREVENT SKIN CONTACT

**EYE PROTECTION:** USE CHEMICAL SPLASH GOGGLES WITH SIDE SHIELDS

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N/A

**WORK / HYGIENIC PRACTICES:** WASH HANDS BEFORE EATING, SMOKING OR USING WASH ROOM. WASH COMTAMINATED CLOTHING BEFORE REUSE.

**SECTION IX – ADDITIONAL INGREDIENTS**

**OCCUPATIONAL  
EXPOSURE LIMITS**

<b>PRODUCT</b>	<b>INGREDIENT</b>	<b>CAS. NO.</b>	<b>PEL</b>	<b>TLV</b>	<b>OTHER</b>	<b>WEIGHT PERCENT</b>
ARCTIC WHITE (82)	TITANIUM DIOXIDE	13463-67-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	10
LIGHT PLATINUM (83)	TITANIUM DIOXIDE	13463-67-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	10
	BLACK IRON OXIDE	1317-61-9	10 PPM	5 MG/M <sup>3</sup>	NOT ESTAB	<5
	YELLOW IRON OXIDE	51274-00-1	10PPM (STEL)	5 MG/M <sup>3</sup>	NOT ESTAB	<5
SLATE GRAY (84)	TITANIUM DIOXIDE	13463-67-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	10
	BLACK IRON OXIDE	1317-61-9	10 PPM (STEL)	5MG/M <sup>3</sup>	NOT ESTAB	<5
	YELLOW IRON OXIDE	51274-00-1	5 MG/M <sup>3</sup>	10 PPM (STEL)	NOT ESTAB	<5
NATURAL SAND (85)	TITANIUM DIOXIDE	13463-67-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	10
	YELLOW IRON OXIDE	51274-00-1	10PPM (STEL)	5 MG/M <sup>3</sup>	NOT ESTAB	<5
TERRA COTTA (87)	TITANIUM DIOXIDE	13463-67-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	10
	YELLOW IRON OXIDE	51274-00-1	10PPM (STEL)	5 MG/M <sup>3</sup>	NOT ESTAB	<5
	RED IRON OXIDE	1332-37-2	10 PPM (STEL)	5 MG/M <sup>3</sup> (TWA)	NOT ESTAB	5

**SECTION X – DISCLAIMER**

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