

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: DRYLOK CONCRETE FLOOR PAINT – LOW VOC  
ALL COLORS AND TINT BASES  
PRODUCT CODE: 212,213,214,215,216, 217,226,227,229,233

HMS 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**

EMERGENCY PHONE: **(800) 424-9300**  
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NAME OF PREPARER: **R. BARAKO**

DATE REVISED: APRIL 2011  
SUPERSEDES: JUNE 2006

## 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)	50-55
ALUMINUM SILICATE	1332-58-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	N/A	10
ACRYLIC COPOLYMER	NOT ESTAB	NOT ESTAB	NOT ESTAB	NOT ESTAB	N/A	15
ALKYD RESIN	NOT ESTAB	NOT ESTAB	NOT ESTAB	NOT ESTAB	N/A	5
ESTER ALCOHOL	25265-77-4	NOT ESTAB	NOT ESTAB	NOT ESTAB	1.0 (189F)	<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

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.3

**VAPOR DENSITY:** HEAVIER THAN AIR

**EVAPORATION RATE:** SLOWER THAN ETHER

**COATING V.O.C.:** DOES NOT EXCEED MAXIMUM VOC 100 G/L ( 0.84 LB/GAL)

**SOLUBILITY IN WATER:** SOLUBLE

**APPEARANCE AND ODOR:** WHITE OR COLORS, PRODUCT SPECIFIC. TYPICAL AMINE ODOR

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** N/A

**METHOD USED:** N/A

**FLAMMABLE LIMITS IN AIR BY VOLUME:**

**LOWER:** N/A **UPPER:** N/A

**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

**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  
IARC CONCLUDES THAT THERE IS SUFFICIENT EVIDENCE IN HUMANS AND EXPERIMENTAL ANIMALS FOR THE CARCINOGENICITY OF CRYSTALLINE SILICA IN THE FORMS OF QUARTZ OR CRISTOBALITE. IARC (GROUP 1). 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 MTRIAL 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>
WHITE (212)	TITANIUM DIOXIDE	13463-67-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	15
	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M <sup>3</sup> (1)	0.1 MG/M <sup>3</sup> (1)	NOT ESTAB	4.7
GULL (213)	TITANIUM DIOXIDE	13463-67-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	10
	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M <sup>3</sup> (1)	0.1 MG/M <sup>3</sup> (1)	NOT ESTAB	5.7
	BLACK IRON OXIDE	1317-61-9	10 PPM (STEL)	5 MG/M <sup>3</sup>	NOT ESTAB	<5
	YELLOW IRON OXIDE	51274-00-1	10 PPM (STEL)	5 MG/M <sup>3</sup>	NOT ESTAB	<5
DOVER GRAY (214)	TITANIUM DIOXIDE	13463-67-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	10
	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M <sup>3</sup> (1)	0.1MG/M <sup>3</sup> (1)	NOT ESTAB	6.62
	BLACK IRON OXIDE	1317-61-9	10 PPM (STEL)	5MG/M <sup>3</sup>	NOT ESTAB	<5
GEORGETOWN GRAY (233)	TITANIUM DIOXIDE	13463-67-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	5
	CRYSTALLINE SILICA*	14808-60-7	0.1MG/M <sup>3</sup> (1)	0.1MG/M <sup>3</sup> (1)	NOT ESTAB	4.5
	DISPERSED COLOR	NOT ESTAB	NOT ESTAB	NOT ESTAB	NOT ESTAB	<5
TERRA COTTA (229)	TITANIUM DIOXIDE	13463-67-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	<5
	CRYSTALLINE SILICA*	14808-60-7	0.1MG/M <sup>3</sup> (1)	0.1MG/M <sup>3</sup> (1)	NOT ESTAB	5
	RED IRON OXIDE	1332-37-2	10 PPM (STEL)	5 MG/M <sup>3</sup>	NOT ESTAB	<5
	YELLOW IRON OXIDE	51274-00-1	10 PPM (STEL)	5 MG/M <sup>3</sup>	NOT ESTAB	<5
PERSIAN RED (215)	RED IRON OXIDE	1332-37-2	10 PPM (STEL)	5 MG/M <sup>3</sup>	NOT ESTAB	5-10
	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M <sup>3</sup> (1)	0.1 MG/M <sup>3</sup> (1)	NOT ESTAB	7.84
SANDSTONE (227)	TITANIUM DIOXIDE	13463-67-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	10
	CRYSTALLINE SILICA*	14808-60-7	0.1MG/M <sup>3</sup> (1)	0.1MG/M <sup>3</sup> (1)	NOT ESTAB	7
BAMBOO BEIGE (216)	TITANIUM DIOXIDE	13463-67-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	5-10
	YELLOW IRON OXIDE	51274-00-1	10 PPM (STEL)	5 MG/M <sup>3</sup>	NOT ESTAB	<5
	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M <sup>3</sup> (1)	0.1 MG/M <sup>3</sup> (1)	NOT ESTAB	6.69
TINT BASE (217)	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M <sup>3</sup> (1)	0.1 MG/M <sup>3</sup> (1)	NOT ESTAB	5.4
SOFT GRAY (294)	TITANIUM DIOXIDE	13463-67-7	15 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	5
	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M <sup>3</sup> (1)	0.1MG/M <sup>3</sup> (1)	NOT ESTAB	6.16
	YELLOW IRON OXIDE	51274-00-1	NOT ESTAB	10 MG/M <sup>3</sup> (1)	NOT ESTAB	<1
	BLACK IRON OXIDE	1317-61-9	10 PPM (STEL)	5 MG/M <sup>3</sup>	NOT ESTAB	<1

(1) = TIME WEIGHTED AVERAGE

\* SEE SECTION VI

**SECTION X – DISCLAIMER**

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