

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 ³	10 MG/M ³	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 (H₂O = 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 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 ADVICE 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**

PRODUCT	INGREDIENT	CAS. NO.	PEL	TLV	OTHER	WEIGHT PERCENT
WHITE (212)	TITANIUM DIOXIDE	13463-67-7	15 MG/M ³	10 MG/M ³	NOT ESTAB	15
	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M ³ (1)	0.1 MG/M ³ (1)	NOT ESTAB	4.7
GULL (213)	TITANIUM DIOXIDE	13463-67-7	15 MG/M ³	10 MG/M ³	NOT ESTAB	10
	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M ³ (1)	0.1 MG/M ³ (1)	NOT ESTAB	5.7
	BLACK IRON OXIDE	1317-61-9	10 PPM (STEL)	5 MG/M ³	NOT ESTAB	<5
	YELLOW IRON OXIDE	51274-00-1	10 PPM (STEL)	5 MG/M ³	NOT ESTAB	<5
DOVER GRAY (214)	TITANIUM DIOXIDE	13463-67-7	15 MG/M ³	10 MG/M ³	NOT ESTAB	10
	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M ³ (1)	0.1MG/M ³ (1)	NOT ESTAB	6.62
	BLACK IRON OXIDE	1317-61-9	10 PPM (STEL)	5MG/M ³	NOT ESTAB	<5
GEORGETOWN GRAY (233)	TITANIUM DIOXIDE	13463-67-7	15 MG/M ³	10 MG/M ³	NOT ESTAB	5
	CRYSTALLINE SILICA*	14808-60-7	0.1MG/M ³ (1)	0.1MG/M ³ (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 ³	10 MG/M ³	NOT ESTAB	<5
	CRYSTALLINE SILICA*	14808-60-7	0.1MG/M ³ (1)	0.1MG/M ³ (1)	NOT ESTAB	5
	RED IRON OXIDE	1332-37-2	10 PPM (STEL)	5 MG/M ³	NOT ESTAB	<5
	YELLOW IRON OXIDE	51274-00-1	10 PPM (STEL)	5 MG/M ³	NOT ESTAB	<5
PERSIAN RED (215)	RED IRON OXIDE	1332-37-2	10 PPM (STEL)	5 MG/M ³	NOT ESTAB	5-10
	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M ³ (1)	0.1 MG/M ³ (1)	NOT ESTAB	7.84
SANDSTONE (227)	TITANIUM DIOXIDE	13463-67-7	15 MG/M ³	10 MG/M ³	NOT ESTAB	10
	CRYSTALLINE SILICA*	14808-60-7	0.1MG/M ³ (1)	0.1MG/M ³ (1)	NOT ESTAB	7
BAMBOO BEIGE (216)	TITANIUM DIOXIDE	13463-67-7	15 MG/M ³	10 MG/M ³	NOT ESTAB	5-10
	YELLOW IRON OXIDE	51274-00-1	10 PPM (STEL)	5 MG/M ³	NOT ESTAB	<5
	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M ³ (1)	0.1 MG/M ³ (1)	NOT ESTAB	6.69
TINT BASE (217)	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M ³ (1)	0.1 MG/M ³ (1)	NOT ESTAB	5.4
SOFT GRAY (294)	TITANIUM DIOXIDE	13463-67-7	15 MG/M ³	10 MG/M ³	NOT ESTAB	5
	CRYSTALLINE SILICA*	14808-60-7	0.1 MG/M ³ (1)	0.1MG/M ³ (1)	NOT ESTAB	6.16
	YELLOW IRON OXIDE	51274-00-1	NOT ESTAB	10 MG/M ³ (1)	NOT ESTAB	<1
	BLACK IRON OXIDE	1317-61-9	10 PPM (STEL)	5 MG/M ³	NOT ESTAB	<1

(1) = TIME WEIGHTED AVERAGE

* SEE SECTION VI

SECTION X – DISCLAIMER

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