

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: DRYLOK CONCRETE FLOOR PAINT  
ALL COLORS AND TINT BASES  
PRODUCT CODE: 90, 91, 92, 93, 94, 95, 96, 98, 99, 100, 103

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

EMERGENCY PHONE: (800) 424-9300

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NAME OF PREPARER: R. BARAKO

DATE REVISED: MARCH 2005  
SUPERSEDE S: JULY 2000

## SECTION II – HAZARDOUS INGREDIENTS/SARA III INFORMATION

| HAZARDOUS COMPONENTS | CAS NUMBER | OCCUPATIONAL EXPOSURE LIMITS |                      | OTHER     | VAPOR PRESSURE<br>mmHg@TEMP | WEIGHT<br>PERCENT |
|----------------------|------------|------------------------------|----------------------|-----------|-----------------------------|-------------------|
|                      |            | OSHA PEL                     | ACGIH TLV            |           |                             |                   |
| 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                |
| 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 550 G/L (VOS 4.6 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): 1.3

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  
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)

**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> |
|----------------------------|----------------------------------------------------------------------------------|-----------------|---------------------------|---------------------------|--------------|-----------------------|
| WHITE<br>(90)              | TITANIUM DIOXIDE<br>CRYSTALLINE SILICA*                                          | 13463-67-7      | 15 MG/M <sup>3</sup>      | 10 MG/M <sup>3</sup>      | NOT ESTAB    | 15                    |
|                            |                                                                                  | 14808-60-7      | 0.1 MG/M <sup>3</sup> (1) | 0.1 MG/M <sup>3</sup> (1) | NOT ESTAB    | 4.7                   |
| SANDSTONE<br>(91)          | TITANIUM DIOXIDE<br>CRYSTALLINE SILICA*                                          | 13463-67-7      | 15 MG/M <sup>3</sup>      | 10 MG/M <sup>3</sup>      | NOT ESTAB    | 10                    |
|                            |                                                                                  | 14808-60-7      | 0.1 MG/M <sup>3</sup> (1) | 0.1 MG/M <sup>3</sup> (1) | NOT ESTAB    | 7                     |
| GULL<br>(92)               | TITANIUM DIOXIDE<br>CRYSTALLINE SILICA*<br>BLACK IRON OXIDE<br>YELLOW IRON OXIDE | 13463-67-7      | 15 MG/M <sup>3</sup>      | 10 MG/M <sup>3</sup>      | NOT ESTAB    | 10                    |
|                            |                                                                                  | 14808-60-7      | 0.1 MG/M <sup>3</sup> (1) | 0.1MG/M <sup>3</sup> (1)  | NOT ESTAB    | 5.70                  |
|                            |                                                                                  | 1317-61-9       | 10 PPM (STEL)             | 5MG/M <sup>3</sup>        | NOT ESTAB    | <5                    |
|                            |                                                                                  | 51274-00-1      | 5 MG/M <sup>3</sup>       | 10 PPM (STEL)             | NOT ESTAB    | <5                    |
| RICH BROWN<br>(93)         | TITANIUM DIOXIDE<br>CRYSTALLINE SILICA*<br>RED IRON OXIDE<br>YELLOW IRON OXIDE   | 13463-67-7      | 15 MG/M <sup>3</sup>      | 10 MG/M <sup>3</sup>      | NOT ESTAB    | <5                    |
|                            |                                                                                  | 14808-60-7      | 0.1MG/M <sup>3</sup> (1)  | 0.1MG/M <sup>3</sup> (1)  | NOT ESTAB    | 6.80                  |
|                            |                                                                                  | 1332-37-2       | 10PPM (STEL)              | 5 MG/M <sup>3</sup>       | NOT ESTAB    | <5                    |
|                            |                                                                                  | 51274-00-1      | 10PPM (STEL)              | 5 MG/M <sup>3</sup>       | NOT ESTAB    | <5                    |
| DOVER GRAY<br>(94)         | TITANIUM DIOXIDE<br>CRYSTALLINE SILICA*<br>BLACK IRON OXIDE                      | 13463-67-7      | 15 MG/M <sup>3</sup>      | 10 MG/M <sup>3</sup>      | NOT ESTAB    | 10                    |
|                            |                                                                                  | 14808-60-7      | 0.1MG/M <sup>3</sup> (1)  | 0.1MG/M <sup>3</sup> (1)  | NOT ESTAB    | 6.62                  |
|                            |                                                                                  | 1317-61-9       | 10PPM (STEL)              | 5 MG/M <sup>3</sup>       | NOT ESTAB    | <5                    |
| GEORGETOWN<br>GRAY<br>(95) | TITANIUM DIOXIDE<br>DISPERSED COLOR<br>CRYSTALLINE SILICA*                       | 13463-67-7      | 15 MG/M <sup>3</sup>      | 10 MG/M <sup>3</sup>      | NOT ESTAB    | 5                     |
|                            |                                                                                  | NOT ESTAB       | NOT ESTAB                 | NOT ESTAB                 | NOT ESTAB    | <5                    |
|                            |                                                                                  | 14808-60-7      | 0.1 MG/M <sup>3</sup> (1) | 0.1 MG/M <sup>3</sup>     | NOT ESTAB    | 4.50                  |
| PERSIAN RED<br>(96)        | RED IRON OXIDE<br>CRYSTALLINE SILICA*                                            | 1332-37-2       | 10 PPM (STEL)             | 5 MG/M <sup>3</sup>       | NOT ESTAB    | 5-10                  |
|                            |                                                                                  | 14808-60-7      | 0.1MG/M <sup>3</sup> (1)  | 0.1MG/M <sup>3</sup> (1)  | NOT ESTAB    | 7.84                  |
| BAMBOO BEIGE<br>(98)       | TITANIUM DIOXIDE<br>YELLOW IRON OXIDE<br>CRYSTALLINE SILICA*                     | 13463-67-7      | 15 MG/M <sup>3</sup>      | 10 MG/M <sup>3</sup>      | NOT ESTAB    | 5-10                  |
|                            |                                                                                  | 51274-00-1      | 10 PPM (STEL)             | 5 MG/M <sup>3</sup>       | NOT ESTAB    | <5                    |
|                            |                                                                                  | 14808-60-7      | 0.1 MG/M <sup>3</sup> (1) | 0.1 MG/M <sup>3</sup>     | NOT ESTAB    | 6.69                  |
| ALPINE GREEN<br>(99)       | YELLOW IRON OXIDE<br>DISPERSED COLOR<br>CRYSTALLINE SILICA*                      | 51274-00-1      | 10 PPM (STEL)             | 5 MG/M <sup>3</sup>       | NOT ESTAB    | <5                    |
|                            |                                                                                  | NOT ESTAB       | NOT ESTAB                 | NOT ESTAB                 | NOT ESTAB    | <5                    |
|                            |                                                                                  | 14808-60-7      | 0.1 MG/M <sup>3</sup> (1) | 0.1 MG/M <sup>3</sup>     | NOT ESTAB    | 7                     |
| TINT BASE<br>(100)         | CRYSTALLINE SILICA*                                                              | 14808-60-7      | 0.1 MG/M <sup>3</sup> (1) | 0.1 MG/M <sup>3</sup>     | NOT ESTAB    | 5.4                   |
| TERRA COTTA<br>(103)       | RED IRON OXIDE<br>YELLOW IRON OXIDE<br>TITANIUM DIOXIDE<br>CRYSTALLINE SILICA*   | 1332-37-2       | 10 PPM (STEL)             | 5 MG/M <sup>3</sup>       | NOT ESTAB    | <5                    |
|                            |                                                                                  | 51274-00-1      | 10 PPM (STEL)             | 5 MG/M <sup>3</sup>       | NOT ESTAB    | <5                    |
|                            |                                                                                  | 13463-67-7      | 15 MG/M <sup>3</sup>      | 10 MG/M <sup>3</sup>      | NOT ESTAB    | <5                    |
|                            |                                                                                  | 14808-60-7      | 0.1 MG/M <sup>3</sup> (1) | 0.1 MG/M <sup>3</sup>     | NOT ESTAB    | 5                     |

(1) = TIME WEIGHTED AVERAGE

\* SEE SECTION VI

## **SECTION X – DISCLAIMER**

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