

MATERIAL SAFETY DATA SHEET

PRODUCT NAME : DRYLOK OIL BASE MASONRY WATERPROOFER – ALL COLORS
PRODUCT CODE: 621,622,623,625,627

HMS CODES: H F R P
1 2 0

SECTION I – MANUFACTURER IDENTIFICATION

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

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NAME OF PREPARER: R. BARAKO

DATE REVISED : MARCH 2005
SUPERSEDES: JULY 2001

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		
STODDARD SOLVENT	8052-41-3	100 PPM	100 PPM	100 PPM	3@ 64F	15
PORTLAND CEMENT	65997-15-1	50 MPPCF	5 MG/M ³	NOT ESTAB	N/A	25
PERLITE	93763-70-3	15 MPPCF	5 MG/M ³	NOT ESTAB	N/A	<5
LIMESTONE	1317-65-3	15 MG/M ³	10 MG/M ³	NOT ESTAB	N/A	10
TITANIUM DIOXIDE	13463-67-7	15 MG/M ³	10 MG/M ³	NOT ESTAB	N/A	<5
STYRENE ACRYLATE POLYMER	25085-34-1	NOT ESTAB	NOT ESTAB	NOT ESTAB	N/A	5
AROMATIC HYDROCARBON MIXTURE	64742-95-6	NOT ESTAB	NOT ESTAB	NOT ESTAB	3@ 68F	8
MICA	12001-26-2	20 MPPCF	3 MG/M ³	NOT ESTAB	N/A	<5
CRYSTALLINE SILICA	14808-60-7	0.1 MG/M ³ (1)	0.1 MG/M ³ (1)	NOT ESTAB	N/A	25

*Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372 and of 40 CFR 372.

* AROMATIC HYDROCARBON MIXTURE CONTAINS: 1,2,4 TRIMETHYLBENZENE (CAS 95-63-6) 27% XYLENE (CAS 1330-20-7) 3.5% AND CUMENE (CAS 98-82-8) 2.5% (1) TIME WEIGHTED AVERAGE

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 308-396F

VAPOR DENSITY: HEAVIER THAN AIR

COATING VOC: 3.24 LBS/GL (388 G/L)

SOLUBILITY IN WATER: INSOLUBLE

APPEARANCE AND ODOR: VICIOUS, SAND APPEARANCE. TYPICAL AROMATIC ODOR
COLOR SPECIFIC TO PRODUCT

SPECIFIC GRAVITY (H₂O =1) 1.6

EVAPORATION RATE: SLOWER THAN ETHER

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT: 104F

FLAMMABLE LIMITS IN AIR BY VOLUME:

EXTINGUISHING MEDIA: FOAM, CO₂ DRY CHEMICAL, WATER FOG

SPECIAL FIRE FIGHTING PROCEDURES: WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERRED. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTO-IGNITION OR EXPLOSION WHEN PRODUCT IS EXPOSED TO EXTREME HEAT.

UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

METHOD USED: SETA CC

LOWER: 0.6% UPPER: 7.0%

SECTION V – REACTIVITY DATA

STABILITY: PRODUCT IS STABLE

CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAMES, HIGH TEMPERATURES

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: FUMES, SMOKE, CARBON MONOXIDE, ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS IN THE CASE OF INCOMPLETE COMBUSTION

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI – HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: EXCESSIVE EXPOSURE TO VAPORS OR SPRAY MISTS CAN RESULT IN HEADACHE, DIZZINESS, INCOORDINATION, NAUSEA AND LOSS OF CONSCIOUSNESS

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: THIS MATERIAL MAY BE AN EYE IRRITANT

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: PROLONGED OR REPEATED SKIN CONTACT WITH THIS MATERIAL MAY CAUSE DERMATITIS, SKIN DEFATTING OR IRRITATION

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

HEALTH HAZARDS (ACUTE AND CHRONIC): REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND CENTRAL NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE VAPORS MAY BE HARMFUL OR FATAL

CARCINOGENICITY: NTP? YES 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 CRYSTOBALITE. IARC (GROUP 1) SEE SECTION II

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: KIDNEY DISEASES, RESPIRATORY ILLNESSES, SKIN ALLERGIES

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN

SKIN: WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN IF IRRITATION PERSISTS

INGESTION: DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY

INHALATION: REMOVE TO FRESH AIR, RESTORE BREATHING. TREAT SYMPTOMATICALLY. CONSULT PHYSICIAN

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ANY SOURCES OF IGNITION. PROVIDE ADEQUATE VENTILATION AND/OR SELF-CONTAINED BREATHING APPARATUS. DIKE SPILL, APPLY ABSORBENT MATERIAL

WASTE DISPOSAL METHOD: USING NON-SPARKING TOOLS, SCRAPE UP AND STORE MATERIAL IN A CLOSED METAL CONTAINER. AVOID BREATHING VAPORS. DISPOSE OF IN APPROVED SITES ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: AVOID BREATHING SANDING DUST. AVOID STORAGE AT TEMPERATURES GREATER THAN 90 DEGREES (F) OR NEAR HEAT, SPARKS, ELECTRICAL EQUIPEMENT OR OPEN FLAMES

OTHER PRECAUTIONS: AVOID PROLONGED BREATHING OF VAPORS OR CONTACT WITH SKIN. PREVENT PROLONGED OR REPEATED BREATHING OF SPRAY MIST. TO AVOID SPONTANEOUS COMBUSTION DURING TEMPORY STORAGE, SOAK SOILED RAGS AND WASTE IMMEDIATELY AFTER USE, IN A WATER FILLED, CLOSED METAL CONTAINER

SECTIONS VIII – CONTROL MEASURES

RESPIRATORY PROTECTION: WEAR NIOSH-APPROVED RESPIRATOR WITH ORGANIC VAPOR AND SOLID PARTICLE FILTER CARTRIDGES

VENTILATION: USE ADEQUATE VENTILATION IN VOLUME AND PATTERN TO MAINTAIN LEVELS BELOW THAT LISTED IN SECTION II

PROTECTIVE GLOVES: USE NEOPRENE RUBBER GLOVES TO PREVENT SKIN CONTACT

EYE PROTECTION: USE SAFETY EYEWEAR WITH SPLASH GUARDS OR SIDE SHIELDS

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE

WORK / HYGIENIC PRACTICES: WASH HANDS BEFORE EATING, SMOKING OR USING THE BATHROOM

SECTION IX – DISCLAIMER

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