

MATERIAL SAFETY DATA SHEET

PRODUCT NAME : NUDECK ROOF CEMENT
PRODUCT CODE: 410K

HMS CODES: H F R P
2 2 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

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SUPERSEDES: SEPTEMBER 2000

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		
ASPHALT	8052-42-4	N/E	5 MG/M3	5 MG/M3	N/A	30-80
ALIPHATIC HYDROCARBONS	8052-41-3	100 PPM	100 PPM	350 MG/M3	3	3-40
AMORPHOUS ALUMINA SILICATES	93763-70-3	15 MG/M3	10 MG/M3	N/A	N/A	0-20
ATTAPULGITE CLAY	12174-11-7	N/A	5 MG/M3	N/A	N/A	0-20
CELLULOSE FIBERS	9004-34-6	5 MG/M3	5 MG/M3	N/A	N/A	0-15
POLYMERS	9003-55-8	N/A	N/A	N/A	N/A	0-20
CATIONIC SALT	28701-67-9	N/A	N/A	N/A	N/A	0-3

This product contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372:

1,2,4 – TRIMETHYLBENZENE CAS # 95-63-6 WEIGHT % 0-2

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 300-350F
VAPOR DENSITY: >4
COATING VOC: 262 G/L
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND ODOR: DARK LIQUID. MILD PETROLEUM ODOR

SPECIFIC GRAVITY (H₂O =1) 0.8 – 0.99
EVAPORATION RATE: 0.2

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT: 104 F Min
FLAMMABLE LIMITS IN AIR BY VOLUME:
METHOD USED: PMCC
LOWER: 0.8% **UPPER:** 7%
EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM OR DRY CHEMICAL. WATER MAY BE USED TO COOL CONTAINERS EXPOSED TO HEAT.
SPECIAL FIRE FIGHTING PROCEDURES: MINIMIZE BREATHING VAPORS, GASES OR FUMES OF DECOMPOSITION PRODUCTS. DO NOT ENTER ENCLOSED OR CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS.
UNUSUAL FIRE AND EXPLOSION HAZARDS: WHEN HEATED ABOVE FLASH POINT, MATERIAL WILL RELEASE FLAMMABLE VAPORS WHICH CAN BURN OR BE EXPLOSIVE IN CONFINED SPACES IF IGNITED. DO NOT MIX WITH STRONG OXIDANTS SUCH AS LIQUID CHLORINE OR CONCENTRATED OXYGEN.

SECTION V – REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES. AUTO-IGNITION -UNKNOWN.

INCOMPATIBILITY (MATERIALS TO AVOID): MAY REACT WITH STRONG OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: COMBUSTION: CARBON DIOXIDE (CO₂), CARBON MONOXIDE (CO), NITROGEN OXIDES, SMOKE AND FUMES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI – HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: EXCESSIVE BREATHING OF HIGH VAPOR CONCENTRATIONS CAN CAUSE NASAL AND RESPIRATORY IRRITATION.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: PROLONGED / REPEATED CONTACT MAY CAUSE IRRITATION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: PROLONGED / REPEATED CONTACT MAY CAUSE IRRITATION.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA AND VOMITING.

HEALTH HAZARDS (ACUTE AND CHRONIC): FUMES FROM PRODUCT CAN BE UNPLEASANT, MAY CAUSE NAUSEA, HEADACHE AND IRRITATING TO EYES, SKIN AND RESPIRATORY TRACT.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN

EMERGENCY AND FIRST AID PROCEDURES:

SKIN: IF THIS PRODUCT COMES IN CONTACT WITH SKIN, REMOVE MATERIAL WITH MINERAL OIL, THEN WASH WITH SOAP AND PLENTY OF WATER.

EYES: IF THIS PRODUCT COMES IN CONTACT WITH EYES, FLUSH EYE WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ATTENTION.

INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

INHALATION: IF RESPIRATORY DISCOMFORT OCCURS, REMOVE TO FRESH AIR. IF DISCOMFORT CONTINUES, ADMINISTER OXYGEN AND GET MEDICAL ATTENTION.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ELIMINATE SOURCES OF IGNITION AND VENTILATE AREA. ADD SAND OR EARTH OR ABSORB SPILL WITH SUITABLE ABSORBENT MATERIAL AND PLACE IN A CLOSED CONTAINER. KEEP PRODUCT OUT OF SEWERS AND WATERWAYS BY DIKING OR IMPOUNDING. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS OR WATERWAYS. ASSURE CONFORMITY WITH APPLICABLE GOVERNMENTAL REGULATIONS.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION TO LOCATIONS DISTANT FROM THE POINT OF MATERIAL HANDLING. TO PREVENT FUMES FROM ENTERING BUILDINGS OR CONFINED AREAS, CLOSE ALL AIR INTAKE SOURCES NEAR THE MATERIAL HANDLING OR THE WORK AREA. TO PREVENT IGNITION, AVOID SMOKING, KEEP AWAY FROM HEAT, OPEN FLAMES AND SOURCES OF STATIC OR ELECTRICAL SPARKING.

OTHER PRECAUTIONS: AVOID PROLONGED OR REPEATED INHALATION OF VAPORS OR SPRAY MISTS. AVOID PROLONGED OR REPEATED SKIN CONTACT. STORE IN A COOL, DRY PLACE OUT OF DIRECT SUNLIGHT AND AWAY FROM HEAT, SPARKS AND FLAMES.

SECTIONS VIII – CONTROL MEASURES

RESPIRATORY PROTECTION: USE SUPPLIED-AIR RESPIRATOR IN CONFINED AREAS OR WITH VAPORS IN HIGH CONCENTRATIONS.

VENTILATION: LOCAL EXHAUST IN ENCLOSED AREAS. **MECHANICAL:** IN ENCLOSED AREAS. **SPECIAL:** NONE. **OTHER:** NONE

PROTECTIVE GLOVES: SOLVENT IMPERVIOUS GLOVES.

EYE PROTECTION: SAFETY GLASSES OR FACE SHIELD FOR LIQUID MATERIAL

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LONG SLEEVES AND IMPERVIOUS CLOTHING TO PROTECT AGAINST SPLASHING.

WORK / HYGIENIC PRACTICES: USE WITH ADEQUATE VENTILATION. HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS POSE POTENTIAL HUMAN RISKS WHICH MAY VARY FROM PERSON TO PERSON. AS A PRECAUTION, EXPOSURE TO LIQUIDS, VAPORS, MISTS OR FUMES SHOULD BE MINIMIZED.

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