

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ZAR GLOSS INTERIOR Polyurethane HMIS CODES: H F R P
PRODUCT CODE: 15 1 2 0

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: UNITED GILSONITE LABORATORIES
ADDRESS: 1396 JEFFERSON AVENUE, SCRANTON PA 18509
EMERGENCY PHONE: (800) 424-9300 INFORMATION PHONE: (717) 344-1202
DATE REVISED : 02-21-95 NAME OF PREPARER : R. Barako

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
OIL MODIFIED POLYURETHANE	NOT ESTAB	NOT ESTAB	NOT ESTAB	NONE	N/A	50
STODDARD SOLVENT	8052-41-3	100 PPM	100 PPM	100 PPM	3.0 64F	45
KEROSENE	8008-20-6	500PPM	100PPM	NONE	1.0 70F	< 5.0%

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 305-350 F. SPECIFIC GRAVITY (H2O=1): 0.9
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C. : 3.63 LB/GL (435 G/L)
SOLUBILITY IN WATER: insoluable
APPEARANCE AND ODOR: light amber liquid with aromatic odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 104 F. METHOD USED: SETA CC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.7% UPPER: 7.0%
EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus.

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.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

Heat, sparks, open flames, high temperatures.

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Fumes, smoke, carbon dioxide, carbon monoxide, aldehydes and other decomposition products, in case of incomplete combustion.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

N/A

===== 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

This material may cause defatting and irritation of skin. Prolonged or repeated contact may cause dermatitis.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May produce signs of intoxication characterized by incoordination, dizziness, drowsiness, headache, nausea, mental confusion, 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 contents may be harmful or fatal.

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

None of the components listed in this product are listed by IARC, NTP or OSHA as a carcinogen.

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. Take to a physician for medical attention.

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 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, absorbant material.

WASTE DISPOSAL METHOD

Using non-sparking tools, scrape up and store in 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 equipment or open flames.

OTHER PRECAUTIONS

Avoid prolonged breathing of vapors or contact with skin. Prevent prolonged or repeated breathing of vapor or spray mist. To avoid spontaneous combustion during temporary storage, soak soiled rags and waste immediately after use, in a water filled, closed metal container.

===== SECTION 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 level 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 washroom.

===== SECTION IX - DISCLAIMER =====

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