

MATERIAL SAFETY DATA SHEET

PRODUCT NAME : ZAR ULTRA INTERIOR SATIN - SPRAY - LOW VOC
PRODUCT CODE: 53

HMIS CODES: H F R P
1 4 0

SECTION I – MANUFACTURER IDENTIFICATION

MANUFACTURE'S NAME: **UNITED GILSONITE LABORATORIES**
ADDRESS: **1396 JEFFERSON AVENUE**
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DATE ISSUED: MARCH 2005
SUPERSEDES: AUGUST 2003

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		
OIL MODIFIED POLYURETHANE	NOT ESTAB	NOT ESTAB	NOT ESTAB	NOT ESTAB	N/A	10-15
STODDARD SOLVENT	8052-41-3	100 PPM	100 PPM	100 PPM	3.0 64F	15
HYDRATED AMORPHOUS SILICA	112926-00-8	6 MG/M ³	10 MG/M ³	NOT ESTAB	N/A	<5
* TOLUENE	108-88-3	100 PPM (TWA)	50 PPM (TWA)	PROP 65	24.0 68F	8
ACETONE	67-64-1	750 PPM (TWA)	750 PPM (TWA)	750 CAL/TW	79.8 68F	35
PROPANE	74-98-6	1000 PPM	NOT ESTAB	NOT ESTAB	1.6 32F	15
ISOBUTANE	75-28-5	NOT ESTAB	NOT ESTAB	NOT ESTAB	45.4 70F	15

* Indicates toxic chemical (s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. This product contains a chemical known to the State of California to cause cancer reproductive or development toxicity.

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 12 to 313F
VAPOR DENSITY: LIGHTER THAN AIR
COATING VOC: DOES NOT EXCEED MAXIMUM 67%
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND ODOR: CLEAR LIQUID WITH AROMATIC ODOR

SPECIFIC GRAVITY (H₂O =1) 0.7
EVAPORATION RATE: SLOWER THAN ETHER

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT: -155F
FLAMMABLE LIMITS IN AIR BY VOLUME: **METHOD USED:** TCC
LOWER: 0.9% **UPPER:** 13.2%
EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO₂, DRY CHEMICAL, WATERFOG
SPECIAL FIRE FIGHTING PROCEDURES:

Water may be used to cool containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat. Self contained respiratory protection should be used when fighting a fire where this product is stored.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Isolate from heat, sparks, electrical equipment and open flames. Closed containers may explode when exposed to extreme heat. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SECTION V – REACTIVITY DATA

STABILITY: Product is Stable

CONDITIONS TO AVOID:

Heat, sparks, open flames, hot metal surfaces.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Toxic gases such as phosgene

HAZARDOUS POLYMERIZATION: N/A

SECTION VI – HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Excessive exposure to vapors can result in headache, dizziness, incoordination, nausea and loss of consciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Extreme burning on eye contact. Burning, redness and possible rash on skin contact.

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 vapors of this product 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 a physician or Poison Control Center immediately. Treat Symptomatically.

INHALATION: Remove to Fresh Air, Restore breathing. Treat symptomatically. Consult a 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 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(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 vapors 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

SECTIONS VIII – CONTROL MEASURES

RESPIRATORY PROTECTION:

Wear NIOSH approved respirator with organic vapor and solid particle cartridges.

VENTILATION:

Use adequate ventilation in volume and pattern to maintain exposure 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 washroom.

SECTION IX – DISCLAIMER

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