

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ZAR WIPE -ON SEMI - GLOSS  
PRODUCT CODE: 45

HMIS 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**

EMERGENCY PHONE: **(800) 424-9300**  
INFORMATION PHONE: **(570) 344-1202**  
NAME OF PREPARER: **R. BARAKO**

DATE REVISED: MARCH 2005  
SUPERSEDES: MARCH 1999

## 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		
OLEORESINOUS VARNISH	NOT ESTAB	NOT ESTAB	NOT ESTAB	NOT ESTAB	N/A	20-25
SOLVENT NAPHTHA	64742-88-7	NOT ESTAB	NOT ESTAB	100 PPM	1.70 @68F	35
OIL MODIFIED POLYURETHANE	NOT ESTAB	NOT ESTAB	NOT ESTAB	NONE	N/A	5
STODDARD SOLVENT	8052-41-3	100 PPM	100 PPM	100 PPM	3 @ 64F	35

*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 RANGE:** 305-350F  
**VAPOR DENSITY:** HEAVIER THAN AIR  
**COATING V.O.C.:** 4.98 LB/GL (597 G/L)  
**SOLUBILITY IN WATER:** INSOLUBLE  
**APPEARANCE AND ODOR:** LIGHT AMBER LIQUID WITH AROMATIC ODOR

**SPECIFIC GRAVITY: (H<sub>2</sub>O=1):** 0.8  
**EVAPORATION RATE:** SLOWER THAN ETHER

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** 104 F  
**FLAMMABLE LIMITS IN AIR BY VOLUME:**

**METHOD USED:** SETA CC  
**LOWER:** 0.9% **UPPER:** 7.0%

**EXTINGUISHING MEDIA:** FOAM, ALCOHOL FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER FOG

**SPECIAL FIRE FIGHTING 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:** 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 DIOXIDE, CARBON MONOXIDE,ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS, IN CASE OF INCOMPLETE COMBUSTION.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.

## **SECTION VI – HEALTH HAZARD DATA**

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** 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 CAUS DEFATTING AND IRRITATION OF SKIN. PROLONGED OR REPEATED CONTACT MAY CAUSE DERMATTITIS.

**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 OVERPOSURE 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 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 SYMTOMATICALLY.

**INHALATION:** REMOVE TO FRESH AIR, RESTORE BREATHING. TREAT SYMTOMATICALLY. 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 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 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.

## **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 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**

This information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of UGL's knowledge, or obtained from sources believed by UGL to be accurate, and UGL does not assume any legal responsibility for use or reliance upon same. Before using any product, read the label.

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ZAR WIPE-ON SATIN  
PRODUCT CODE: 46

HMIS 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**

EMERGENCY PHONE: **(800) 424-9300**  
INFORMATION PHONE: **(570) 344-1202**  
NAME OF PREPARER: **R. BARAKO**

DATE REVISED: MARCH 2005  
SUPERSEDES: MARCH 1999

## 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		
OLEORESINOUS VARNISH	NOT ESTAB	NOT ESTAB	NOT ESTAB	NOT ESTAB	N/A	20
SOLVENT NAPHTHA	64742-88-7	NOT ESTAB	NOT ESTAB	100 PPM	1.70 @68F	30
OIL MODIFIED POLYURETHANE	NOT ESTAB	NOT ESTAB	NOT ESTAB	NONE	N/A	5
STODDARD SOLVENT	8052-41-3	100 PPM	100 PPM	100 PPM	3 @ 64F	40
HYDRATED AMORPHOUS SILICA	112926-00-8	6 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>	NOT ESTAB	N/A	<5
MALIENIZED LINSEED OIL	PROPRIETARY	NOT ESTAB	NOT ESTAB	NOT ESTAB	N/A	<5

*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 RANGE:** 305-350F  
**VAPOR DENSITY:** HEAVIER THAN AIR  
**COATING V.O.C.:** 4.90 LB/GL (587 G/L)  
**SOLUBILITY IN WATER:** INSOLUBLE  
**APPEARANCE AND ODOR:** LIGHT AMBER LIQUID WITH AROMATIC ODOR

**SPECIFIC GRAVITY: (H<sub>2</sub>O=1):** 0.9  
**EVAPORATION RATE:** SLOWER THAN ETHER

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** 104 F  
**FLAMMABLE LIMITS IN AIR BY VOLUME:**

**METHOD USED:** SETA CC  
**LOWER:** 0.9% **UPPER:** 7.0%

**EXTINGUISHING MEDIA:** FOAM, ALCOHOL FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER FOG

**SPECIAL FIRE FIGHTING 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:** 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 DIOXIDE, CARBON MONOXIDE,ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS, IN CASE OF INCOMPLETE COMBUSTION.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.

## **SECTION VI – HEALTH HAZARD DATA**

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** 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 CAUS DEFATTING AND IRRITATION OF SKIN. PROLONGED OR REPEATED CONTACT MAY CAUSE DERMATTITIS.

**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 OVERPOSURE 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 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 SYMTOMATICALLY.

**INHALATION:** REMOVE TO FRESH AIR, RESTORE BREATHING. TREAT SYMTOMATICALLY. 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 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 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.

## **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 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**

This information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of UGL's knowledge, or obtained from sources believed by UGL to be accurate, and UGL does not assume any legal responsibility for use or reliance upon same. Before using any product, read the label.