

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ZAR PAINT & VARNISH REMOVER
PRODUCT CODE: 275

HMS CODES: H F R P
2 1 0

SECTION I – MANUFACTURER IDENTIFICATION

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

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NAME OF PREPARER: R. BARAKO

DATE REVISED: AUGUST 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		
* METHYLENE CHLORIDE	75-09-2	25PPM (TWA)	50PPM	125PPM (STEL)	355 (68F)	90
* METHYL ALCOHOL	67-56-1	200PPM	200PPM	200PPM	96 (68F)	7
* TOLUENE	108-88-3	200PPM (TWA)	50PPM (TWA)	PROP 65	22 (68F)	2
PARAFFIN WAX	8002-74-2	NOT ESTAB	NOT ESTAB	NOT ESTAB	N/A	<5

* INDICATES A TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 AND 40 CFR 372.
THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, REPRODUCTIVE OR DEVELOPMENTAL TOXICITY.

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 104 TO 231 DEG F
VAPOR DENSITY: HEAVIER THAN AIR
COATING VOC: 5.98 LB/GAL (717 G/L):
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND ODOR: CLEAR TO OPAQUE LIQUID WITH AROMATIC ODOR

SPECIFIC GRAVITY (H20=1): 1.2
EVAPORATION RATE: SLOWER THAN ETHER

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME:
EXTINGUISHING MEDIA: NONE KNOWN
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: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAMES. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION BYPRODUCTS 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 AND HOT METAL SURFACES

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: TOXIC GASES SUCH AS PHOSGENE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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 CONTACT WITH SKIN.

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

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: EXTREME DISCOMFORT, NAUSEA, UNCONSCIOUSNESS.

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 VAPORS FROM THIS PRODUCT MAY BE HARMFUL OR FATAL.

CARCINOGENICITY: NTP? YES IARC MONOGRAPHS? YES OSHA REGULATED? YES
METHYLENE CHLORIDE IS IDENTIFIED AS A POTENTIAL CARCINOGEN BY IARC AND NTP. SEE SECTION II. IT IS NOT BELIEVED TO POSE A MEASURABLE CARCINOGENIC RISK TO MAN WHEN HANDLED AS RECOMMENDED.

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

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: SEEK MEDICAL ATTENTION. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE INDIVIDUAL ON THE LEFT SIDE WITH HEAD DOWN. CONTACT PHYSICIAN, MEDICAL FACILITY OR POISON CONTROL CENTER FOR ADVICE ABOUT WHETHER TO INDUCE VOMITING.

INHALATION: REMOVE VICTIM TO FRESH AIR.

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. AVOID BREATHING VAPORS.

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: 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 VAPORS. USE THIS PRODUCT OUTDOORS IF POSSIBLE. IF YOU MUST USE IT INDOORS, OPEN ALL WINDOWS AND DOORS OR USE OTHER MEANS TO ASSURE FRESH AIR CIRCULATION DURING APPLICATION. IF USED PROPERLY, A RESPIRATOR MAY OFFER ADDITIONAL PROTECTION. OBTAIN PROFESSIONAL ADVICE ON THE PROPER USE OF A RESPIRATOR.

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.

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