

UNITED GILSONITE LABORATORIES -- 015, ZAR GLOSS POLYURETHANE

MATERIAL SAFETY DATA SHEET

NSN: 801000N031992

Manufacturer's CAGE: 12985

Part No. Indicator: A

Part Number/Trade Name: 015, ZAR GLOSS POLYURETHANE

General Information

Company's Name: UNITED GILSONITE LABORATORIES

Company's Street: JEFFERSON AVE & NEW YORK ST

Company's City: SCRANTON

Company's State: PA

Company's Country: US

Company's Zip Code: 18501

Company's Emerg Ph #: 800-424-9300 (CHEMTREC)

Company's Info Ph #: 717-344-1202

Record No. For Safety Entry: 001

Tot Safety Entries This Stk#: 001

Status: SMJ

Date MSDS Prepared: 01JAN90

Safety Data Review Date: 02AUG95

MSDS Serial Number: BPKCM

Hazard Characteristic Code: F4

Ingredients/Identity Information

Proprietary: NO

Ingredient: STODDARD SOLVENT; (MINERAL SPIRITS). VP: <10 @ 77F.

Ingredient Sequence Number: 01

Percent: 10

NIOSH (RTECS) Number: WJ8925000

CAS Number: 8052-41-3

OSHA PEL: 500 PPM

ACGIH TLV: 100 PPM; 9293

Proprietary: NO

Ingredient: KEROSENE. VP: 5

Ingredient Sequence Number: 02

Percent: 5

NIOSH (RTECS) Number: OA5500000

CAS Number: 8008-20-6

OSHA PEL: 500 PPM (MFR)

ACGIH TLV: 100 PPM

Proprietary: NO

Ingredient: AROMATIC PETROLEUM DISTILLATE; (MINERAL SPIRITS). VP: 3 @ 68F.

Ingredient Sequence Number: 03

Percent: 35

NIOSH (RTECS) Number: 1003045AP

CAS Number: 64741-41-9

OSHA PEL: 100 PPM (MFR)

ACGIH TLV: 100 PPM (MFR)

Proprietary: NO

Ingredient: POLYURETHANE RESIN; (MODIFIED POLY-URETHANE RESIN)

Ingredient Sequence Number: 04

Percent: 50

NIOSH (RTECS) Number: 1000584PR

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Physical/Chemical Characteristics

Appearance And Odor: NONE SPECIFIED BY MANUFACTURER.

Boiling Point: >305F, >152C

Vapor Density (Air=1): HVR/AIR

Specific Gravity: 0.89 (FP N)

Evaporation Rate And Ref: SLOWER THAN ETHER

Percent Volatiles By Volume: 57.0

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Fire and Explosion Hazard Data

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Flash Point: 100F, 38C

Lower Explosive Limit: 0.9%

Extinguishing Media: FOAM, "ALCOHOL", CO2, DRY CHEMICAL, WATER FOG

Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZ ARE PREFERABLE. WATER (SUPP DATA)

Unusual Fire And Expl Hazrds: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

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Reactivity Data

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Stability: YES

Cond To Avoid (Stability): HEAT, SPARKS, OPEN FLAMES, HIGH TEMPERATURE

Materials To Avoid: STRONG OXIDIZING AGENTS

Hazardous Decomp Products: FUMES, SMOKE, CO, CO2, ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS, IN CASE OF INCOMPLETE COMBUSTION.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: IRRIT TO EYES AND RESP TRACT, HEADACHES, & DIZZ, AFFECTS CNS. PROLONGED OR REPEATED SKIN CONTACT TENDS TO REMOVE SKIN OILS, LEADING TO IRRITATION AND DERMATITIS. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS W/PERMANENT BRAIN & CNS DAMAGE. INTENTIONAL MISUSE BY (EFTS OF OVEREXP)

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT

Signs/Symptoms Of Overexp: HLTH HAZ: DELIBERATELY CONCENTRATING AND INHALATING THE CONTENTS MAY BE HARMFUL OR FATAL.

Med Cond Aggravated By Exp: KIDNEY DISEASES RESPIRATORY ILLNESS, SKIN ALLERGIES.

Emergency/First Aid Proc: EYE: FLUSH IMMED W/LG AMTS OF WATER FOR AT LEAST 15 MIN. TAKE TO MD FOR MEDICAL ATTENTION. SKIN: WASH AFFECTED AREAS WITH SOAP & WATER. CONSULT PHYSICIAN IF IRRITATION PERSISTS. INGEST: DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. CONSULT PHYSICIAN/ POISON CONTROL CNTR IMMED. TREAT SYMPTOMATICALLY. INHAL: REMOVE TO FRESH AIR, RESTORE BRTHG. TREAT SYMPTOMATICALLY. CONSULT A PHYSICIAN

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: REMOVE ANY NON-REQUIRED PERSONNEL. REMOVE ANY SOURCES OF IGNITION. PROVIDE ADEQUATE VENTILATION AND/OR SCBA. DIKE SPILL, APPLY ABSORBENT MATERIAL. USING NON-SPARKING TOOLS, SCRAPE UP AND STORE IN CLOSED METAL CONTAINER. AVOID BREATHING VAPORS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DISPOSE OF IN APPROVED SITES ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.

Precautions-Handling/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 PRLNGD BRTHG OF VAP/CONTACT W/SKIN. PREVENT PROLONGED OR REPEATED BREATHING OF VAPORS OR SPARY MIST. TO AVOID SPONTANEOUS COMBUST DURING TEMPORARY STORAGE, SOAK SOILED RAGS & WASTE IMMED AFTER USE, IN WATER FILLED, CLSD METAL CNTNR.

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Control Measures

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Respiratory Protection: WEAR NIOSH/MSHA 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 INGRED SECTION.
Protective Gloves: NEOPRENE RUBBER GLOVES.
Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).
Other Protective Equipment: REMOVE AND WASH CONTAMINATED BEFORE REUSE.
Work Hygienic Practices: WASH HANDS BEFORE EATING, SMOKING, OR USING THE WASHROOM.
Suppl. Safety & Health Data: FIRE FIGHT PROC:MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP AND POSSIBLE AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

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Transportation Data

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Trans Data Review Date: 92337
DOT PSN Code: GJL
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
DOT Class: 3
DOT ID Number: UN1993
DOT Pack Group: III
DOT Label: FLAMMABLE LIQUID
IMO PSN Code: HIA
IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o
IMO Regulations Page Number: 3345
IMO UN Number: 1993
IMO UN Class: 3.3
IMO Subsidiary Risk Label: -
IATA PSN Code: MCA
IATA UN ID Number: 1993
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
AFI PSN Code: MCA
AFI Prop. Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
AFI Class: 3
AFI ID Number: UN1993
AFI Pack Group: III
AFI Basic Pac Ref: 7-7

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Disposal Data

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Label Data

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Label Required: YES
Technical Review Date: 01JUL92
Label Status: G
Common Name: 015, ZAR GLOSS POLY
Chronic Hazard: YES
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-Moderate: X
Reactivity Hazard-None: X
Special Hazard Precautions: COMBUSTIBLE. CLASS II. KEEP AWAY FROM HEAT, SPARKS, FLAME. ACUTE:OVEREXPOSURE CAUSES IRRITATION TO EYES AND RESPIRATORY TRACT, HEADACHES, DIZZINESS, AND CENTRAL NERVOUS SYSTEM EFFECTS. INTENTIONAL MISUSE BY CONCENTRATING AND INHALING MAY BE HARMFUL OR FATAL. CHRONIC:PROLONGED OR REPEATED SKIN CONTACT CAUSE DEFATTING, IRRITATING, AND DERMATITIS. PROLONGED AND REPEATED OCCUPATIONAL OVEREXPOSURE TO SOLVENT MAY CAUSE PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: UNITED GILSONITE LABS
Label Street: JEFFERSON AVE & NEW YORK ST
Label City: SCRANTON
Label State: PA

Label Zip Code: 18501

Label Country: US

Label Emergency Number: 800-424-9300 (CHEMTREC)