

DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 5610
NIIN: 00N009473
Manufacturer's CAGE: 60150
Part No. Indicator: A
Part Number/Trade Name: RECTORSEAL GOLD

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General Information
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Item Name: PVC SOLVENT CEMENT
Company's Name: THE RECTORSEAL CORPORATION
Company's Street: 2830 PRODUCE ROW
Company's P. O. Box:
Company's City: HOUSTON
Company's State: TX
Company's Country: US
Company's Zip Code: 77023-5822
Company's Emerg Ph #: 800-424-9300(CHEMTREC)
Company's Info Ph #: 800-424-9300(CHEMTREC)
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: N
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status:
Date MSDS Prepared: 29DEC89
Safety Data Review Date: 04AUG95
Supply Item Manager:
MSDS Preparer's Name:
Preparer's Company:
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:
Other MSDS Number:
MSDS Serial Number: BCSMY
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code: F3
Unit Of Issue: NK
Unit Of Issue Container Qty: N/K
Type Of Container: N/K
Net Unit Weight:

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NRC/State License Number:
Net Explosive Weight:
Net Propellant Weight-Ammo:
Coast Guard Ammunition Code:

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Ingredients/Identity Information
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Proprietary: NO
 Ingredient: FURAN, TETRAHYDRO-; (TETRAHYDROFURAN) (SARA III)
 Ingredient Sequence Number: 01
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: LU5950000
 CAS Number: 109-99-9
 OSHA PEL: 200 PPM;250 PPM STEL
 ACGIH TLV: 200 PPM;250 PPM STEL
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: CYCLOHEXANONE (SARA III)
 Ingredient Sequence Number: 02
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: GW1050000
 CAS Number: 108-94-1
 OSHA PEL: S, 50 PPM
 ACGIH TLV: S, 25 PPM; 9293
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: SILICON DIOXIDE AMORPHOUS
 Ingredient Sequence Number: 03
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 1005470SD
 CAS Number: 7631-86-9
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
 Other Recommended Limit: 0.1 MG/M3 (MFR)

Proprietary: NO
 Ingredient: ETHYLENE, CHLORO-, POLYMER; (PVC RESIN)
 Ingredient Sequence Number: 04
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: KV0350000
 CAS Number: 9002-86-2
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE

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Other Recommended Limit: 10 MG/M3 (MFR)

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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR LIQUID, PUNGENT ODOR.
 Boiling Point: 151F/66.11C
 Melting Point: N/A
 Vapor Pressure (MM Hg/70 F): 140 AT 68F
 Vapor Density (Air=1): 2.5
 Specific Gravity: 0.97 (H*20=1)
 Decomposition Temperature: N/K (FP N)

Evaporation Rate And Ref: 6 (ETHYL ACETATE=1)
 Solubility In Water: 60%
 Percent Volatiles By Volume: N/K
 Viscosity:
 pH: N/K-FP
 Radioactivity:
 Form (Radioactive Matl):
 Magnetism (Milligauss): N/P
 Corrosion Rate (IPY): N/K-FP N
 Autoignition Temperature:

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 Fire and Explosion Hazard Data
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Flash Point: 6F/-14.44C
 Flash Point Method: TCC
 Lower Explosive Limit: 2%
 Upper Explosive Limit: 11.8%
 Extinguishing Media: FOAM, DRY CHEMICAL, CO*2, WATER FOG.
 Special Fire Fighting Proc: WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP (FP N). HAZ DECOMP PRODS POSS. EVACUATE IMMED AREA. DIKE FIRE CTL AREA AS RUN-OFF MAY CREATE ADDNL FIRE (SUPDAT)
 Unusual Fire And Expl Hazrds: EXTREMELY FLAMM - VERY LOW FL PT. VAPS ARE HVR/AIR & MAY TRAVEL ALONG GROUND/TO LOW SPOTS @ CONSIDERABLE DISTTS TO SOURCE OF IGNIT RESULTING IN POTNTL (SUPDAT)

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 Reactivity Data
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Stability: YES
 Cond To Avoid (Stability): HEAT, SPARKS, OPEN FLAMES & STRONG OXIDIZING, ACIDIC & BASIC CNDTNS. CAN FORM POTNTLY EXPLO PEROXIDES UPON LONG (SUPDAT)
 Materials To Avoid: OXIDIZERS, ACIDS & BASES.
 Hazardous Decomp Products: CO, CO*2, HCL & FRAGMENTED HYDROCARBONS.
 Hazardous Poly Occur: YES
 Conditions To Avoid (Poly): KEEP AWAY FROM CATIONIC INITIATORS (SELECTED LEWIS ACIDS, STRONG PROTON ACIDS).

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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

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Health Haz Acute And Chronic: IRRIT OF EYES, NOSE & THROAT; DROW, NARCOS, TREMORS & OTHER CNS EFTS AT HIGH CONC. SKIN IRRIT, DERM & DEFAT. POSS LIVER & KIDNEY DMG. NOTICE:REPORTS HAVE ASSOC RPTD & PRLNG OCCUP OVEREXP TO SOLVS W/PERM BRAIN & NERV SYS DMG. INTENT MISUSE BY DELIB CONCENTRATING & INHALING CONTENTS OF PROD MAY BE HARMFUL/FATAL.

Carcinogenicity - NTP: NO
 Carcinogenicity - IARC: NO
 Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT.

Signs/Symptoms Of Overexp: EYES:WATERING, BLURRED VISION, INFLAMM & IRRIT WHICH CAN RSLT IN CORNEAL INJURY. INHAL:NASAL & RESP IRRIT, DIZZ, NARCOS, HDCH, NAUS, CNS DEPRESS & UNCON. INGEST:NAUS, VOMIT, CNS DEPRESS, IRRIT OF GI TRACT, LIVER & PERITONEAL WALL, LUNG CONGESTION. SKIN:IRRIT, DERM.

Med Cond Aggravated By Exp: INDIVIDUALS W/PRE-EXISTING OR CHRONIC DISEASES OF EYES, SKIN, RESP SYS, CVS, GI SYS, LIVER/KIDNEYS MAY HAVE INCREASED SUSCEPTABILITY TO EXCESSIVE EXPOSURE.

Emergency/First Aid Proc: EYES:FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SEEK IMMEDIATE MED ATTN. INHAL:REMOVE TO FRESH AIR. ADMINISTER OXYGEN/ARTF RESP AS NEEDED. GIVE NOTHING BY MOUTH TO UNCONSCIOUS PERSON. SEEK IMMEDIATE MED ATTN. INGEST:DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER ONLY IF CONSCIOUS. SEEK IMMEDIATE MED ATTN. SKIN:WASH W/ SOAP & WATER. IF IRRITATION OCCURS, SEEK MED ATTN.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: USE ABSORBENT MATLS TO PREVENT FOOTING HAZARD & TO CONTAIN. VENTILATE AREA W/NATURAL OR EXPLOSION-PROOF, FORCED AIR VENTILATION. AVOID FLUSHING INTO SEWERS, DRAINS, WATERWAYS & SOIL. WEAR PROT CLOTHING & NIOSH/MSHA APPRVD RESP PROT DURING CLEANUP. Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER. Waste Disposal Method: RCRA CLASSIFIED HAZARDOUS WASTE. DISPOSE OF ABSORBED MATERIALS IN CONTROLLED LANDFILL & USE APPROVED, CONTROLLED INCINERATION FOR LIQUID WASTES I/A/W ALL LOCAL, STATE & FEDERAL REGULATIONS. Precautions-Handling/Storing: KEEP CONTAINER CLOSED & UPRIGHT WHEN NOT IN USE. KEEP AWAY FROM SPARKS, HEAT & OPEN FLAMES. Other Precautions: AVOID PROLONGED OR REPEATED CONTACT W/SKIN OR CLOTHING. EMPTY CONTAINERS MAY CONTAIN RESIDUES & VAPORS; TREAT AS IF FULL & OBSERVE ALL PRODUCT PRECAUTIONS. DO NOT REUSE EMPTY CONTAINERS.

Control Measures

Respiratory Protection: USE NIOSH/MSHA APPROVED AIR PURIFYING OR SUPPLIED AIR RESPIRATORS. Ventilation: LOCAL EXHAUST ACCEPTABLE, GENERAL PREFERABLE. EXPLOSION PROOF EQUIPMENT. Protective Gloves: WEAR NON-PERMEABLE GLOVES Eye Protection: CHEM WORK GOG & FULL FACE SHIELD (FP N). Other Protective Equipment: COVERALLS RECOMMENDED. Work Hygienic Practices: WHERE USE CAN RSLT IN SKIN CONTACT, WASH EXPOSED AREAS THORO BEFORE EATING, DRINKING, SMOKING/LEAVING WORK AREA.(SUPDAT) Suppl. Safety & Health Data: FIRE FIGHT PROC:HAZ & ENVIRON CONTAM. EXPLO HAZ:FLASHBACK. BURNING LIQ MAY FLOAT ON WATER. HEAT MAY BUILD UP PRESS &

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RUPTURE CLSD CNTNRS. CNDTNS (STAB):STANDING IN AIR. HYGIENE PRACT:LAUNDER CONTAM CLTHG BEFORE REUSE.

Transportation Data

Transportation Action Code: Transportation Focal Point: N Trans Data Review Date: 88011 DOT PSN Code: AFR DOT Symbol: DOT Proper Shipping Name: ADHESIVES, DOT Class: 3 DOT ID Number: UN1133 DOT Pack Group: II DOT Label: FLAMMABLE LIQUID DOT/DoD Exemption Number: N/R IMO PSN Code: AIH IMO Proper Shipping Name: ADHESIVES, IMO Regulations Page Number: 3174 IMO UN Number: 1133 IMO UN Class: 3.2

IMO Subsidiary Risk Label: -
 IATA PSN Code: AKY
 IATA UN ID Number: 1133
 IATA Proper Shipping Name: ADHESIVES
 IATA UN Class: 3
 IATA Subsidiary Risk Class:
 IATA Label: FLAMMABLE LIQUID
 AFI PSN Code: AKY
 AFI Symbols:
 AFI Prop. Shipping Name: ADHESIVES
 AFI Class: 3
 AFI ID Number: UN1133
 AFI Pack Group: II
 AFI Label:
 AFI Special Prov:
 AFI Basic Pac Ref: 7-8
 MMAC Code:
 N.O.S. Shipping Name:
 Additional Trans Data:

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 Disposal Data
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Disposal Data Action Code:
 Disposal Data Focal Point: E
 Disposal Data Review Date: 89074
 Rec # For This Disp Entry: 01
 Tot Disp Entries Per NSN: 001
 Landfill Ban Item: YES
 Disposal Supplemental Data: PH:N.RT OF ENTRY:FPN IN CASE OF ACCIDENTAL
 EXPOSURE OR DISCHARGE, CONSULT HEALTH AND SAFETY FILE FOR PRECAUTIONS.
 1st EPA Haz Wst Code New: D001
 1st EPA Haz Wst Name New: IGNITIBLE

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1st EPA Haz Wst Char New: IGNITABILITY
 1st EPA Acute Hazard New: NO
 2nd EPA Haz Wst Code New:
 2nd EPA Haz Wst Name New:
 2nd EPA Haz Wst Char New:
 2nd EPA Acute Hazard New:
 3rd EPA Haz Wst Code New:
 3rd EPA Haz Wst Name New:
 3rd EPA Haz Wst Char New:
 3rd EPA Acute Hazard New:

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 Label Data
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Label Required: YES
 Technical Review Date:
 Label Date:
 MFR Label Number:
 Label Status: F
 Common Name:
 Chronic Hazard: N/P
 Signal Word:
 Acute Health Hazard-None:
 Acute Health Hazard-Slight:
 Acute Health Hazard-Moderate:
 Acute Health Hazard-Severe:
 Contact Hazard-None:

Contact Hazard-Slight:
Contact Hazard-Moderate:
Contact Hazard-Severe:
Fire Hazard-None:
Fire Hazard-Slight:
Fire Hazard-Moderate:
Fire Hazard-Severe:
Reactivity Hazard-None:
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:
Reactivity Hazard-Severe:
Special Hazard Precautions: MAY BE POISONOUS IF INHALED OR ABSORBED
THROUGH SKIN. VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION. CONTACT MAY
IRRITATE OR BURN SKIN AND EYES. FIRE MAY PRODUCE IRRITATING OR POISONOUS
GASES. RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION.
Protect Eye:
Protect Skin:
Protect Respiratory:
Label Name: RECTORSEAL CORP
Label Street: 2830 PRODUCE ROW
Label P.O. Box:
Label City: HOUSTON
Label State: TX
Label Zip Code: 77023-5822
Label Country: US
Label Emergency Number:
Year Procured: