

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

FSC: 5610  
NIIN: 00N070726  
Manufacturer's CAGE: QUIKR  
Part No. Indicator: A  
Part Number/Trade Name: HYDRAULIC WATER-STOP, 5901-40

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General Information

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Item Name:  
Company's Name: QUIKRETE COMPANIES  
Company's Street: 1790 CENTURY CIRCLE  
Company's P. O. Box:  
Company's City: ATLANTA  
Company's State: GA  
Company's Country: US  
Company's Zip Code: 30345  
Company's Emerg Ph #: 404-634-9100  
Company's Info Ph #: 404-634-9100  
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: SMJ  
Date MSDS Prepared: 14APR94  
Safety Data Review Date: 18APR96  
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: BZSRV  
Specification Number:  
Spec Type, Grade, Class:  
Hazard Characteristic Code:  
Unit Of Issue:  
Unit Of Issue Container Qty:  
Type Of Container:  
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: SILICA, CRYSTALLINE - QUARTZ; (SILICA SAND, CRYSTALLINE)  
 Ingredient Sequence Number: 01  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: VV7330000  
 CAS Number: 14808-60-7  
 OSHA PEL: SEE TABLE Z-3  
 ACGIH TLV: 0.1 MG/M3 RDUST; 9495  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: CALCIUM (II) SULFATE, DIHYDRATE (1:1:2); (GYPSUM)  
 Ingredient Sequence Number: 02  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: EW4150000  
 CAS Number: 10101-41-4  
 OSHA PEL: 15 MG/M3 TDUST  
 ACGIH TLV: 10 MG/M3 TDUST; 9495  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: AMORPHOUS SILICA (FROM FLY ASH OR MICRO SILICA)  
 Ingredient Sequence Number: 03  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: VV7310000  
 CAS Number: 112945-52-5  
 OSHA PEL: 80 MG/M3 %SIO\*2(MFR)  
 ACGIH TLV: N/K (FP N)  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: CALCIUM CARBONATE; (PULVERIZED LIMESTONE)  
 Ingredient Sequence Number: 04  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: EV9580000  
 CAS Number: 1317-65-3  
 OSHA PEL: 5 MG/M3 (MFR)  
 ACGIH TLV: 5 MG/M3 (MFR)

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Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: ALUMINUM (POWDER)  
 Ingredient Sequence Number: 05  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: BD0330000  
 CAS Number: 7429-90-5  
 OSHA PEL: 5 MG/M3 (MFR)

ACGIH TLV: 5 MG/M3 (MFR)  
Other Recommended Limit: N/K

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Physical/Chemical Characteristics

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Appearance And Odor: WHITE TO GRAY-NO ODOR.

Boiling Point: N/K

Melting Point: N/K

Vapor Pressure (MM Hg/70 F): N/K

Vapor Density (Air=1): N/K

Specific Gravity: N/K

Decomposition Temperature: N/K

Evaporation Rate And Ref: N/K

Solubility In Water: SUPDAT

Percent Volatiles By Volume: N/K

Viscosity:

pH: N/K

Radioactivity:

Form (Radioactive Matl):

Magnetism (Milligauss):

Corrosion Rate (IPY): N/K

Autoignition Temperature:

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Fire and Explosion Hazard Data

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Flash Point: N/K

Flash Point Method: N/P

Lower Explosive Limit: N/K

Upper Explosive Limit: N/K

Extinguishing Media: MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).

Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire And Expl Hazrds: NONCOMBUSTIBLE AND NOT EXPLOSIVE.

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Reactivity Data

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Stability: YES

Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: CONTACT WITH POWERFUL OXIDIZING AGENTS SUCH AS FLUORINE, CHLORINE TRIFLUORIDE, MANGANESE TRIOXIDE, OXYGEN (SUPDAT)

Hazardous Decomp Products: SILICA WILL DISSOLVE IN HYDROFLUORIC ACID AND PRODUCE A CORROSIVE GAS-SILICON TETRAFLUORIDE.

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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: NO

Route Of Entry - Ingestion: NO

Health Haz Acute And Chronic: EXPOSURE TO RESPIRABLE CRYSTALLINE QUARTZ MAY CAUSE DELAYED (CHRONIC) LUNG DISEASE (SILICOSIS); ACUTE OR RAPIDLY DEVELOPING SILICOSIS MAY OCCUR IN A SHORT PERIOD OF TIME IN HEAVY EXPOSURE IN CERTAIN OCCUPATIONS SUCH AS SANDBLASTERS WHEN PROPER SAFETY RESPIRATORS ARE NOT UTILIZED BY SANDBLASTER/USER. (EFTS OF OVEREXP)

Carcinogenicity - NTP: YES

Carcinogenicity - IARC: YES

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: SILICA, CRYSTALLINE-QUARTZ:IARC MONOGRAPHS, SUPPLEMENT. VOL 7, PG 341, 1987: GROUP 2A. NTP 7TH ANNUAL REPORT ON (SUPDAT)

Signs/Symptoms Of Overexp: HLTH HAZ:SILICOSIS IS A FORM OF DISABLING PULMONARY FIBROSIS WHICH CAN BE PROGRESSIVE AND MAY LEAD TO DEATH. UNDUE BREATHLESSNESS, WHEEZING, COUGH, AND SPUTUM PRODUCTION.

Med Cond Aggravated By Exp: PULM FUNCTION MAY BE REDUCED BY INHAL OF RESPIRABLE CRYSTALLINE SILICA. ALSO LUNG SCARRING PRODUCED BY SUCH INHAL MAY LEAD TO A PROGRESSIVE MASSIVE FIBROSIS OF THE LUNG (SILICOSIS) WHICH MAY (SUPDAT)

Emergency/First Aid Proc: INGEST: CALL MD IMMEDIATELY (FP N). EYES: IRRIGATE (FLOOD) EYES IMMEDIATELY AND REPEATEDLY WITH CLEAN WATER FOR AT LEAST 15 MINUTES. SKIN: WASH EXPOSED SKIN AREAS WITH SOAP AND WATER. IF IRRITATION OR INFLAMMATION OCCURS SEEK PROMPT MEDICAL ATTENTION. INHAL: REMOVE PERSON IMMEDIATELY TO FRESH AIR, GIVE ARTIFICIAL RESPIRATION AS NEEDED. GET PROMPT MEDICAL ATTENTION.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: IF SPILLED, USE DUSTLESS METHODS (VACUUM) AND PLACE INTO CLOSABLE CONTAINER FOR DISPOSAL OR FLUSH WITH WATER. DO NOT DRY SWEEP. WEAR PROTECTIVE EQUIPMENT SPECIFIED.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: CAN BE TREATED AS A COMMON WASTE FOR DISPOSAL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions-Handling/Storing: CUSTOMERS-USERS MUST COMPLY WITH ALL APPLICABLE HEALTH AND SAFETY LAWS, REGULATIONS AND ORDERS COVERING SILICA.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Control Measures

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Respiratory Protection: IN DUSTY ENVIRONMENTS, THE USE OF AN OSHA, MSHA OR NIOSH APPROVED RESPIRATOR IS RECOMMENDED.

Ventilation: LOCAL EXHAUST CAN BE USED, IF NECESSARY, TO CONTROL AIRBORNE DUST LEVELS.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

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Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: SOL IN H\*2O: INSOLUBLE TO SLIGHTLY SOLUBLE IN WATER. MATLS TO AVOID: DIFLUORIDE, MAY CAUSE FIRES. MED CNDTNS:AGGRAVATE OTHER PULMONARY CONDITIONS & DISEASE & WHICH INCREASE SUSCEPTIBILITY TO PULMONARY FAILURE. SMOKING AGGRAVATES THE EFTS OF EXPOSURE. EXPLAN OF CARCIN: CARCINOGENS, 1994: ANTICIAPED TO BE CARCIN.

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Transportation Data

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Transportation Action Code:

Transportation Focal Point:

Trans Data Review Date:

DOT PSN Code:

DOT Symbol:

DOT Proper Shipping Name:

DOT Class:

DOT ID Number:

DOT Pack Group:

DOT Label:  
 DOT/DoD Exemption Number:  
 IMO PSN Code:  
 IMO Proper Shipping Name:  
 IMO Regulations Page Number:  
 IMO UN Number:  
 IMO UN Class:  
 IMO Subsidiary Risk Label:  
 IATA PSN Code:  
 IATA UN ID Number:  
 IATA Proper Shipping Name:  
 IATA UN Class:  
 IATA Subsidiary Risk Class:  
 IATA Label:  
 AFI PSN Code:  
 AFI Symbols:  
 AFI Prop. Shipping Name:  
 AFI Class:  
 AFI ID Number:  
 AFI Pack Group:  
 AFI Label:  
 AFI Special Prov:  
 AFI Basic Pac Ref:  
 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:  
 Disposal Data Review Date:

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Rec # For This Disp Entry:  
 Tot Disp Entries Per NSN:  
 Landfill Ban Item:  
 Disposal Supplemental Data:  
 1st EPA Haz Wst Code New:  
 1st EPA Haz Wst Name New:  
 1st EPA Haz Wst Char New:  
 1st EPA Acute Hazard New:  
 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: 18APR96  
 Label Date: 17APR96  
 MFR Label Number:  
 Label Status: G  
 Common Name: HYDRAULIC WATER-STOP, 5901-40  
 Chronic Hazard: YES

Signal Word: CAUTION!  
Acute Health Hazard-None:  
Acute Health Hazard-Slight: X  
Acute Health Hazard-Moderate:  
Acute Health Hazard-Severe:  
Contact Hazard-None:  
Contact Hazard-Slight: X  
Contact Hazard-Moderate:  
Contact Hazard-Severe:  
Fire Hazard-None: X  
Fire Hazard-Slight:  
Fire Hazard-Moderate:  
Fire Hazard-Severe:  
Reactivity Hazard-None: X  
Reactivity Hazard-Slight:  
Reactivity Hazard-Moderate:  
Reactivity Hazard-Severe:  
Special Hazard Precautions: ACUTE OR RAPIDLY DEVELOPING SILICOSIS MAY OCCUR IN A SHORT PERIOD OF TIME IN HEAVY EXPOSURE IN CERTAIN OCCUPATIONS SUCH AS SANDBLASTERS WHEN PROPER SAFETY RESPIRATORS ARE NOT UTILIZED BY SANDBLASTER OR USER. SILICOSIS IS A FORM OF DISABLING PLUMONARY FIBROSIS WHICH CAN BE PROGRESSIVE AND MAY LEAD TO DEATH. CHRONIC: CANCER HAZARD. CONTAINS CRYSTALLINE SILICA QUARTZ, WHICH IS LISTED AS AN ANIMAL LUNG CARCINOGEN (FP N). EXPOSURE TO RESPIRABLE CRYSTALLINE QUARTZ MAY CAUSE DELAYED (CHRONIC) LUNG DISEASE (SILICOSIS).  
Protect Eye: Y  
Protect Skin: Y

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Protect Respiratory: Y  
Label Name: QUIKRETE COMPANIES  
Label Street: 1790 CENTURY CIRCLE  
Label P.O. Box:  
Label City: ATLANTA  
Label State: GA  
Label Zip Code: 30345  
Label Country: US  
Label Emergency Number: 404-634-9100  
Year Procured: