

FRY TECHNOLOGY: E-Z WELD -- CLEANER/PRIMER PRODUCTS -- 6850-01-298-3770

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Product Identification  
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Product ID:CLEANER/PRIMER PRODUCTS

MSDS Date:04/21/1998

FSC:6850

NIIN:01-298-3770

Status Code:A

MSDS Number: CKVPK

=== Responsible Party ===

Company Name:FRY TECHNOLOGY: E-Z WELD

Address:1661 OLD DIXIE HIGHWAY

City:RIVIERA BEACH

State:FL

ZIP:33404

Country:US

Info Phone Num:800-432-3582;561-8

44-0241

Emergency Phone Num:800-424-9300; 703-527-3887

Chemtrec Ind/Phone:(800)424-9300

CAGE:UO107

=== Contractor Identification ===

Company Name:FRY TECHNOLOGY: E-Z WELD

Address:1661 OLD DIXIE HIGHWAY

Box:City:RIVIERA BEACH

State:FL

ZIP:33404

Country:US

Phone:800-432-3582;561-844-0241

CAGE:UO107

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

Contract Num:SP0450-01-M-D084

CAGE:0PGK2

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Composition/I

Information on Ingredients =====

Ingred Name:ACETONE

CAS:67-64-1

RTECS #:AL3150000

Minumum % Wt:0.

Maxumum % Wt:99.

OSHA PEL:2400 MG/M3;1000 PPM

ACGIH TLV:1780 MG/M3;750 PPM

ACGIH STEL:2380 MG/M3;1000 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE

CAS:78-93-3

RTECS #:EL6475000

Minumum % Wt:0.

Maxumum % Wt:96.

OSHA PEL:590 MG/M3;200 PPM

ACGIH TLV:590 MG/M3;200 PPM

ACGIH STEL:885 MG/M3;300 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:CYCLOHEXA

NONE

CAS:108-94-1

RTECS #:GW1050000

Minumum % Wt:0.

Maxumum % Wt:13.

OSHA PEL:200 MG/M3;50 PPM

ACGIH TLV:100 MG/M3;25 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:TETRAHYDROFURAN

CAS:109-99-9

RTECS #:LU5950000

Minumum % Wt:0.

Maxumum % Wt:5.

OSHA PEL:590 MG/M3;200 PPM

ACGIH TLV:590 MG/M3;200 PPM

ACGIH STEL:737 MG/M3;250 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:NO DATA PROVIDED FOR PRODUCT

AS WHOLE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: VAPORS, MISTS OR SPRAYS OF THIS PRODUCT CAN BE IRRITATING TO THE NOSE, THROAT, MUCOUS MEMBRANES & OTHER TISSUES OF THE REPIRATORY SYSTEM. ADDITIONALLY, THE COMPONENTS OF THE PRODUCT ARE C ENTRAL NERVOUS SYSTEM DEPRESSANTS; OTHERS CAUSE KIDNEY & LIVER DAMAGE. CONTACT WITH SKIN & EYES: IRRITATING TO SKIN & EYES. PRO

LONGED/REPEATED SKIN CONTACT CAN LEAD TO DERMATITIS. SKIN ABSORPTION; CYC LOHEXANONE MAY BE ASORBED THROUGH THE SKIN WITH SYMPTOMS SIMILAR TO INHALATION AND SKIN CONTACT. INGESTION: NOT NORMALLY ANTICIPATED AS A ROUTE OF EXPOSURE; HOWEVER, SYMPTOMS ARE SIMILAR TO INHALATION TO INCLUDE KIDNEY & LIVER DAMAGE..

Explanation of Carcinogenicity:THIS PRODUCTS COMPONENTS ARE NOT FOUND ON THE FOLLOWING LISTS FEDERAL OSHA Z-LIST, NTP, IARC AND CAL/OSHA AND THEREFORE ARE NEITHE R CONSIDERED TO BE NOR SUSPECTED TO BE CANCER-CAUSING AGENTS BY THIS A GENCY.

Effects of Overexposure:ACUTE: IRRITATION TO EYES (REDDNESS, TEARING, POSSIBLE CORNEAL OPACITY), SKIN, MUCOUS MEMBRANES, CNS EFEFCTS (DIZZINESS, DROWSINESS, NAUSEA, HEADACHE),

Medical Cond Aggravated by Exposure:PREEXISTING RESPIRATORY PROBLEMS, DERMITITIS, AND OTHER SKIN DISORDERS, AS WELL AS CONDITIONS INVOLVING THE "TARGET ORGANS" CAN BE AGGRAVATED BY EXPOSURES TO THIS PRODUCT.

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===== First Aid Measures =====

First Aid:SKIN: IMMEDIATELY DECONTAMINATE WITH RUNNING WATER. FLUSH FOR A MINIMUM OF15 MINUTES. REMOVE EXPOSED OR CONTAMINATED CLOTHING, TAKING CARE NOT TO CONTAMINATE EYES. SEEK IMMEDIATE MEDICAL ATTENTION IF ANY ADVERSE EFFECT OCCUR. EYE: IF THIS PRODUCT LIQUID OR VAPORS ENTER THE EYES, OPEN VICTIM'S EYES WHILE UNDER GENTLY RUNNING WATER. MINIMUM FLUSHING IS FOR 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTIO N. INHA LATION: REMOVE VICTIM TO FRESH AIR. IF NEEDED, USE ARTIFICIAL RESPIRATION TO SUPPORT VITAL FUNCTIONS. INGESTION: CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. DO NOT INDUCE VOMITING! IF CONSCIOUS, DRINK MILK, EGG WHITES.

===== Fire Fighting Measures =====

Flash Point:=-9.C, 15.8F

ACETONE; MEK

Autoignition Temp:=-465.C, 869.F

Lower Limits:2.6

Upper Limits:12.8

Extinguishing Media:WATER SPRAY (COOLING ONLY). FOAM, HALON, CARBON DIOXIDE, DR

Y CHEMICAL

Fire Fighting Procedures:INCIPIENT FIRE RESPONDERS SHOULD WEAR EYE PROTECTION. STRUCTURAL FIREFIGHTERS MUST WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. IF IT IS SAFE TO DO SO, ALLOW SMALL FIRES INVOLVING THIS PRODUCT TO BURN OUT. WHILE PROTECTING EXPOSURES. IF POSSIBLE, PREVENT RUNOFF WATER FROM ENTERING STORM DRAINS

Unusual Fire/Explosion Hazard:THIS IS A CLASS 1-B FLAMMABLE LIQUID.

WHEN INVOLVED IN A FIRE, THIS MATERIAL MAY IGNITE AND PRODUCE IRRITATING VAPORS AND TOXIC GASES (E.G., CARBON MONOXIDE AND CARBON DIOXIDE). THIS MATERIAL WILL READILY IGNITE AT ROOM TEMPERATURE. THE VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO A SOURCE OF IGNITION, AND FLASH BACK

===== Accidental Release Measures =====

Spill Release Procedures:IN CASE OF A SPILL, CLEAR THE AFFECTED AREA & PROTECT PEOPLE. UNCONTROLLED RELEASES SHOULD BE RESPONDED TO BY TRAINED PERSONNEL USING PRE-PLANNED PROCEDURES. PROPER PROTECTIVE EQUIPMENT SHOULD BE USED . SMALL RELEASES MUST BE CLEANED-UP BY PERSONNEL WEARING GLOVES, GOGGLES & APPROPRIATE EYE PROTECTION. FACE SHIELDS MUST BE WORN. LARGE SPILLS: RESPIRATORY PROTECTION MAY ALSO BE REQUIRED?(SEE OTHER)

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

===== Handling and Storage =====

Handling and Storage Precautions:ALL EMPLOYEES WHO HANDLE THIS MATERIAL SHOULD BE TRAINED TO HANDLE IT SAFELY. CONTAINERS OF THIS PRODUCT MUST BE PROPERLY LABELED. IF THIS MIXTURE IS USED IN OTHER TYPES OF CONTAINERS, ONLY USE PORTABLE CONTAINERS APPROVED FOR FLAMMABLE LIQUIDS.

Other Precautions:POST "NO SMOKING" SIGNS, WHERE APPROPRIATE IN STORAGE AND USE AREAS. USE NON-SPARKING TOOLS. BOND & GROUND DURING TRANSFER OF MATERIAL. STORE CONTAINERS IN A COOL, DRY LOCATION AWAY FROM DIRECT SUNLIGHT, SOURCES OF INTENSE HEAT OR FREEZING WHERE POSSIBLE. STORE AWAY FROM INCOMP

ATIBLE MATERIALS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:RESPIRATORY PROTECTION IS GENERALLY NOT NEEDED. MAINTAIN AIRBORNE CONTAMINATION BELOW ESTABLISHED LIMITS. IF RESPIRATORY PROTECTION NEEDED, USE ONLY PROTECTION AUTHORIZED IN 29 CFR 1910.134 OR APPLICABLE STATE REGULATIONS. USE SUPPLIED AIR RESPIRATION PROTECTION IF OXYGEN LEVELS BELOW 19.5% OR ARE UNKNOWN.

Ventilation:USE WITH ADEQUATE VENTILATION. MECHANICAL EXHAUST MAY BE

NEEDED. DLA-HMIS: EQUIPMENT SHOULD BE EXPLOSION-PROOF.

Protective Gloves:WEAR VITON OR BARRICADE GLOVES FOR ROUTINE INDUSTRIAL USE.

Eye Protection:SPLASH GOGGLES OR SAFETY GLASSES. FACE SHIELD WHEN SPLASH OR SPRAY CAN BE GENERAL

Other Protective Equipment:EMERGENCY EYE WASH/SAFETY SHOWERS SHOULD BE PROVIDED WITHIN THE IMMEDIATE WORK AREA FOR EMERGENCY USE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING THIS PRODUCT. DO NOT EAT DRINK, SMOKE, OR APPLY COSMETICS WHILE HANDLING THIS PRODUCT.

Supplemental Safety and Health

211 CLEAR PRIMER, 212 PURPLE PRIMER, 213 PRIMER, 214 CLEANER, 911 LOW VOC CLEAR PRIMER, 912 LOW VOC PURPLE PRIMER, 913 LOW VOC PRIMER, 914 LOW VOC CLEANER.

===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:N/E

Melt/Freeze Pt:M.P/F.P Text:N/E

Vapor Pres:N/E

Spec Gravity:1 (NBUAC=1)

Solubility in Water:SOMEWHAT SOLUBLE

Appearance and Odor:CLEAR, PURPLE OR BLUE LIQUID; ETHEREAL ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, LITHIUM ALUMINUM HYDRIDE, AND ALKALINE EARTH HYDROXIDES.

Stability Condition to Avoid:AVOID EXPOSURE OR CONTACT TO EXTREME TEMPERATURES, SOURCES OF IGNITION, INCOMPATIBLE CHEMICALS.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE

===== Toxicological Information =====

Toxicological Information:TOXICITY DATA (

DLA-HMIS-SAMPLES ONLY FROM MFR

MSDS): ACETONE: LD50 ORAL RAT=5800 MG/KG; CYCLOHEXANONE: LD50 ORAL RAT=1535 MG/KG; METHYL ETHYL KETONE: LD50 ORAL RAT=2737 MG/KGG; TETRAHYDROFURAN: LD50 O RAL RAT=1850 MG/KG. SUSPECTED CANCER AGENT: ACETONE: EPA-D: NOT CLASSIFIABLE AS TO HUMAN CARCINOGENICITY. METHYL ETHYL KETONE: EPA-D: NOT CLASSIFIABLE AS TO HUMAN CARCINOGENICITY. CYCLOHEXANONE: IARC- 3: NOT CLASSIFIABLE AS TO HUMAN CARCINOGENICITY. MAK-8: JUSTIFIABLY SUSPECTED OF HAVI

NG

CARCINOGENIC POTENTIAL. IRRITANCY: THIS PRODUCT IS EXPECTED TO MILDLY TO SEVERELY IRRITATE SKIN & EYES.

===== Ecological Information =====

Ecological:ENVIRONMENTAL STABILITY: THE COMPONENTS OF THIS PRODUCT WILL BIODEGRADE INTO OTHER ORGANIC COMPOUNDS. EFFECT OF MATERIAL ON PLANTS & ANIMALS: THIS PRODUCT CAN BE HARMFUL OR FATAL TO CONTAMINATED PLAN T OR ANIMAL LIFE, ESPECIALLY IF RELEASED IN LARGE QUANTITIES INTO THE ENVIRONMENT. EFF  
EFFECT OF CHEMICAL ON AQUATIC  
LIFE: THIS PRODUCT CAN BE HARMFUL TO CONTAMINATED AQUATIC PLANT & ANIMAL LIFE, ESPECIAL LY IF RELEASED IN LARGE QUANTITY IN A BODY OF WATER.

===== Disposal Considerations =====

Waste Disposal Methods:WASTE DISPOSAL MUST BE IN ACCORDANCE WITH APPROPRIATE U.S. FEDERAL, STATE, AND LOCAL REGULATIONS, THOSE OF CANADA AND ITS PROVINCES, AS WELL AS THOSE APPLICABLE TO THE EC MEMBER STATES. THIS PRODUCT, IF UNALTERED  
BY USE, MAY BE DISPOSED  
OF BY TREATMENT AT A PERMITTED FACILITY OR AS ADVISED BY YOUR LOCAL HAZARDOUS WASTE REGULATORY AUTHORITY.

===== MSDS Transport Information =====

Transport Information:US DOT PROPER SHIPPING NAME: FLAMMABLE LIQUIDS, N.O.S. (ACETONE, METHYL ETHYL KETONE). HAZARD CLASS & DESCRIPTION: 3, FLAMMABLE LIQUID. UN IDENTIFICATION NUMBER: UN1993. PACKING GROUP: II. DOT LABLE R EQUIRED: FLAMMABLE LIQUID. NOTE: SHIPMENTS OF CONTA

INERS HOLDING 1 GALLON OR LESS IN VOLUME QUALIFY FOR A "LIMITED QUANTITY" EXCEPTION. REFER TO 49 CFR 173.150 FOR ADDITIONAL INFORMATION. NORTH AMERIC AN ERG NUMBER 1996: 128. MARINE POLLUTANT: NO COMPONENT OF THIS PRODUCT IS DESIGNATED AS MARINE POLLUTANT BY THE DOT (49 CFR 172.101, APPENDIX B). TRANSPORT CANADA, TDG REGULATIONS: MATERIAL IS CONSID ERED DANGEROUS GOODS.

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===== Regulatory Information =====

SARA Title III Information:SARA 302  
(40 CFR 355 APPENDIX A): NONE. SARA  
304 (40 CFR TABLE 302.4) ACETONE, CYCLOHEXANONE, METHYL ETHYL  
KETONE, TETRAHYDROFURANE. SARA 313 (40 CFR 372.65): CYCLOHEXANONE,  
METHYL ETHYL KETONE. SARA THRESHOLD PLANNING QUANTITY: NOT  
APPLICABLE.  
Federal Regulatory Information:US CERCLA REPORTABLE QUANTITY (RQ):  
ACETONE=5000 LBS; CYCLOHEXANONE=5000 LBS; METHYL ETHYL KETONE=5000  
LBS; TETRAHYDROFURAN=1000 LBS. US TSCA INVENTORY STATUS: THE  
COMPONENTS OF THIS PRODUCT ARE LSITE D O  
N THE TSCA INVENTORY. OTHER  
US FEDERAL REGULATIONS: NOT APPLICABLE.  
State Regulatory Information:FOR A COMPLETE LISTING OF APPLICABLE STATE  
REGULATIONS COMPONENTS ARE LISTED UNDER SEE MANUFACTURER'S MSDS:  
DLA-HMIS STAFF UNABLE TO FIT INTO THIS FIELD DUE TO THE EXTENSIVE  
LISTINGS. SAMPLES: ACETONE : AK, CA, FL, IL, KS, MA, MINN,  
MISSOURI, NJ RTK, ND, PA, RI, TX, W VA, WI. CYCLOHEXANONE: AK, CA,  
FL, IL, KS, MA, MINN, MISSOURI, NJ RTK, PA, RI, TX, W VA, WI.  
METHYL ETHYL  
KETONE: AK, CA, FL, IL, KS , MA, MI, MINN, MISSOURI,  
NJ RTK, ND, PA, RI, TX, W VA, WI. TETRAHYDROFURAN: AK, CA, FL, IL,  
KS, MA, MI, MINN, MISSOURI, NJ RTK, ND, PA, RI, TX, W VA, WI.  
CALIFORNIA PROPOSITION 65: NO COMPONENT IS ON TH CALIFORNIA  
PROPOSITION 65 LISTS.

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===== Other Information =====

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document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.