

DARWORTH INC -- FIX WOOD PATCH -- 8010-00-262-9171

===== Product Identification =====

Product ID:FIX WOOD PATCH
MSDS Date:01/03/1994
FSC:8010
NIIN:00-262-9171
MSDS Number: BTSNH
=== Responsible Party ===
Company Name:DARWORTH INC
Address:TOWER LANE
Box:K
City:AVON
State:CT
ZIP:06001
Country:US
Info Phone Num:203-677-7721
Emergency Phone Num:203-677-7721
CAGE:51405

=== Contractor Identification ===

Company Name:DARWORTH INC
Address:TOWER LANE
Box:K
City:AVON
State:CT
ZIP:06001
Country:US
Phone:203-677-7721
CAGE:51405
Company Name:FARWEST PAINT MANUFACTURING CO
Address:4522 SOUTH 133RD ST
Box:City:TUKWILA
State:WA
ZIP:98168
Country:US
Phone:206-244-8844
CAGE:6F266
Company Name:GRAVES-HUMPHREYS CO
Address:5320 PETERS CREEK RD
Box:13407
City:ROANOKE
State:VA
ZIP:24033
Country:US
Phone:(800-336-5998)
CAGE:1B236
Company Name:RALRUBE INC.
Address:36977 FOX GLEN
Box:City:FARMINGTON HILLS
State:MI
ZIP:48331
Country:US
Phone:248-661-0260, FAX 248-661-3941
CAGE:6X798

===== Composition/Information on Ingredients =====

Ingred Name:ACETONE (SARA III)

CAS:67-64-1
 RTECS #:AL3150000
 Fraction by Wt: 16.8%
 Other REC Limits:NONE SPECIFIED
 OSHA PEL:750 PPM;STEL 1000PPM
 ACGIH TLV:750 PPM;STEL 1000PPM
 EPA Rpt Qty:5000 LBS
 DOT Rpt Qty:5000 LBS

Ingred Name:BUTYL ACETATE
 CAS:123-86-4
 RTECS #:AF7350000
 Fraction by Wt: 6.3%
 Other REC Limits:NONE SPECIFIED
 OSHA PEL:150 PPM;STEL 200 PPM
 ACGIH TLV:150 PPM;STEL 200 PPM
 EPA Rpt Qty:5000 LBS
 DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (SARA III)
 CAS:78-93-3
 RTECS #:EL6475000
 Fraction by Wt: 5.6%
 Other REC Limits:NONE SPECIFIED
 OSHA PEL:200 PPM;STEL 300 PPM
 ACGIH TLV:200 PPM;STEL 300 PPM
 EPA Rpt Qty:5000 LBS
 DOT Rpt Qty:5000 LBS

Ingred Name:LACTOL SPIRITS
 CAS:64741-55-5
 Fraction by Wt: 11.83%
 Other REC Limits:NONE SPECIFIED
 OSHA PEL:200 PPM
 ACGIH TLV:200 PPM

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
 CAS:67-63-0
 RTECS #:NT8050000
 Fraction by Wt: 1.7%
 Other REC Limits:NONE SPECIFIED
 OSHA PEL:400 PPM;STEL 500 PPM
 ACGIH TLV:400 PPM;STEL 500 PPM

Ingred Name:NITROCELLULOSE (OSHA REGS, INCLUDING HAZARD COMMUNICATION
 29 CFR 1910.1200, REGARDS INGRED NOT HEALTH HAZARD)
 CAS:9004-70-0
 RTECS #:QW0970000
 Fraction by Wt: 3.9%
 Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A 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 MAY CAUSE IRRITATION OF THE
 RESPIRATORY TRACT AND CNS DEPRESSION. CONTACT WITH THE EYE/SKIN MAY
 CAUSE IRRITATION. INGESTION MAY RESULT IN IRRITATION OF THE
 RESPIRATORY TRACT AND CNS DEPRESS ION.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, TEMPORARY CORNEAL DAMAGE, EYE REDNESS/PAIN, SKIN IRRITATION, IRRITATION OF THE NOSE AND/OR THROAT, HEADACHE, NAUSEA, VOMITING, DIZZINESS, NARCOSIS, RESPIRATORY FAILURE, LOW BLOOD PRESS URE, GASTROINTESTINAL IRRITATION, MOUTHIRRITATION, HEMATEMESIS, HEMORRHAGE, FLUSHING, STUPOR, INCOORDINATION, COMA.

Medical Cond Aggravated by Exposure:ASTHMA AND ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS.

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First Aid Measures
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First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATLE MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:TOC

Flash Point:-4F,-20C

Autoignition Temp:Autoignition Temp Text:869 F

Lower Limits:2.50 %

Upper Limits:13.0 %

Extinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER.

Unusual Fire/Explosion Hazard:DRY WOOD PATCH CONTAINS A SMALL PERCENTAGE OF NITROCELLULOSE WHICH IS READILY IGNITABLE AND BURNS WITH INTENSE HEAT. BURNING GENERATES TOXIC FUMES.

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Accidental Release Measures
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Spill Release Procedures:KEEP ALL SOURCES OF IGNITION AND HOT METAL SURFACES ISOLATED FROM SPILL. AVOID BREATHING VAPORS. PROVIDE ADEQUATE VENTILATION. PICK UP WITH A SCOOP OR SMALL SHOVEL. PLACE IN APPROPRIATE CONTAINER FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:KEEP PRODUCT CONTAINERS COOL, DRY AND AWAY FROM SOURCES OF IGNITION. KEEP FROM FREEZING. USE AND STORE PRODUCT WITH ADEQUATE VENTILATION.

Other Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AI R-PURIFYING RESPIRATOR.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE

CONCENTRATIONS BELOW RESPECTIVE TLV'S.

Protective Gloves:NEOPRENE

Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES W/SIDES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

HCC:F2

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:184

Vapor Density:NOT GIVEN

Spec Gravity:1.28

Evaporation Rate & Reference:< 1 (ETHER=1)

Solubility in Water:PARTIAL

Appearance and Odor:LIGHT BROWN PASTE WITH ACETONS ODOR

Percent Volatiles by Volume:41.64%

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS, ALKALINE MATERIALS AND STRONG ACIDS.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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