

DARWORTH INC -- FIX WOOD PATCH -- 8010-00-664-7088

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

Product ID:FIX WOOD PATCH

MSDS Date:01/03/1994

FSC:8010

NIIN:00-664-7088

MSDS Number: BTSPV

=== 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 PP
M
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 DEPRESSION.

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

Effects of Overexposure

e: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 PRESSURE, GASTROINTESTINAL
IRRITATION, MOUTH IRRITATION, HEMATEMESIS, HEMORRHAGE, FLUSHING,
STUPOR, INCOORDINATION, COMA.

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

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

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. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET
IMMEDIATE MEDICAL ATTENTION.

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

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.

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

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.

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

Handling and St

orage 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.

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

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 WIT

H 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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should s

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