

DYNA-FLUX CO., DIV OF AMREP, INC. -- P-HF, CRACK CHECK PENETRANT -- 6850-01-265-7233

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Product Identification  
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Product ID:P-HF, CRACK CHECK PENETRANT

MSDS Date:05/27/1986

FSC:6850

NIIN:01-265-7233

MSDS Number: BJLBL

=== Responsible Party ===

Company Name:DYNA-FLUX CO., DIV OF AMREP, INC.

Address:63 INDUSTRIAL DRIVE

City:CARTERSVILLE

State:GA

ZIP:30120

Country:US

Info Phone Num:404-382-88

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Emergency Phone Num:404-422-2071

CAGE:0CHD7

=== Contractor Identification ===

Company Name:DYNA-FLUX CO., DIV OF AMREP, INC.

Address:63 INDUSTRIAL DRIVE

Box:City:CARTERSVILLE

State:GA

ZIP:30120

Country:US

Phone:404-382-8843

CAGE:0CHD7

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Composition/Information on Ingredients  
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Ingred Name:BLEND OF MINERAL SPIRITS

CAS:8030-30-6

RTECS #:DE3030000

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIED

Ingred Name:PETROLEUM HYDROCARBON

Fraction by Wt: 50%

Other REC Limits

:100 PPM

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:2-NAPHTHALENOL (PHENYLAZO)PHENOL)-AZO ALKYL DERIVATIVES

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIED

Ingred Name:ISOBUTANE/PROPANE MIXTURE

Fraction by Wt: 40%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM

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

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

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

Health Hazards Acute and Chronic:CAN CAUSE IRRITATION TO NOSE, THROAT,  
RESPIRATORY TRACT, EYES, AND SKIN. IF VAPOR CONCENTRATION EXCEEDS  
TLV, POSSIBLE UNCONSCIOUSNESS OR COULD BE FATAL.

Effects of Overexposure:INHALATION: MAY BE IRRITATING TO NOSE, THROAT,  
AND RESPIRATORY TRACT. MAY CAUSE HEADACHE, DIZZINESS, AND N  
AUSEA.

INGESTION: HARMFUL IF SWALLOWED. EYES: LIQUID/VAPORS CAUSES SEVERE  
IRRITATION. SKIN: M ODERATE IRRITANT. PROLONGED OR REPEATEDCONTACT  
MAY CAUSE DEFATTING AND DRYING OF SKIN.

Medical Cond Aggravated by Exposure:PREEXISTING EYE, SKIN AND  
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS  
PRODUCT.

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

First Aid:INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL HELP. IF  
VOMITING OCCURS, KEEP HEAD

BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. CALL A DOCTOR. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT GIVE ARTIFICIAL BREATHING AND ADMINISTER OXYGEN. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES.GET MED ATTENTION IF IRRITATION PERSISTS.SKIN:WASH WITH SOAP AND WATER.

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

Flash Point:N/R (AEROSOL CAN  
Extinguishing Media:WATER FOG, DRY CHEMICAL, FOAM, CARBON DIOXIDE  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. COOL EXPOSED CONTAINERS WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:AEROSOL CANS WILL EXPLODE IN HEAT OF FIRE. TREAT AS CYLINDER OF COMPRESSED GAS. FACE SHIELDS, HELMETS AND SELF CONTAINED BREATHING APPARATUS IS RECOMMENDED.

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

Spill Release Procedures:IF LIQUID SPILLS OUT, VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. CLEAN UP WITH INERT MATERIALS. SEGREGATE AND REMOVE THE LEAKING AEROSOL CANS.

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

Handling and Storage Precautions:DO NOT STORE IN DIRECT SUNLIGHT OR WHERE TEMPERATURE EXCEED 120F. AVOID SPLASH FILLING, OPEN FLAME, SPARKS. USE IN WELL-VENTILATED AREA.  
Other Precautions:DO NOT SPRAY ON FLAMES, HOT SURFACES. AVOID INHALATION OF VAPORS. AVOID PHYSICAL DAMAGE TO THE CONTAINERS.

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

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Respiratory Protection:USE NIOSH APPROVED RESPIRATOR TO PREVENT OVER-EXPOSURE IN ACCORDANCE WITH 29CFR1910.134  
Ventilation:LOCAL EXHAUST IS ADEQUATE.  
Protective Gloves:RUBBER GLOVES IF NEEDED  
Eye Protection:SAFETY GLASSES.  
Other Protective Equipment:NONE  
Work Hygienic Practices:WASH HANDS BEFORE HANDLING FOOD STUFF. AIR DRY CONTAMINATED CLOTHING AND LAUNDER BEFORE RE-USE.  
Supplemental Safety and Health  
ITEM IS TYPE II, METHOD C PENETRANT OF MIL-I-25135, REV E.

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Physical/Chemical Properties =====

HCC:V3

Vapor Pres:1

Spec Gravity:0.945

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED CLEAR LIQUID WITH SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:OPEN FLAMES OR SPARK SOURCES

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY PRODUCE  
CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUND.

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

Waste Disposal Methods:AEROSOL CONTAINER: DO NOT PUNCTURE OR  
INCINERATE. EMPTY CONTAINERS MAY BE DISPOSED OF THROUGH NORMAL  
CHANNELS. FULL OR PARTIALLY FILLED CONTAINERS ARE CONSIDERED  
HAZARDOUS WASTE. COMPLY WITH ALL FEDERAL, STATE, LOCAL  
REGULATIONS.

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