

EMHART FASTENING SYSTEM GROUP, HELI-COIL DIV. -- 4184-6CNW090 DRY FILM LUBRICANT --  
5340-01-315-7783

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

Product ID:4184-6CNW090 DRY FILM LUBRICANT

MSDS Date:02/19/1986

FSC:5340

NIIN:01-315-7783

MSDS Number: BNQFM

=== Responsible Party ===

Company Name:EMHART FASTENING SYSTEM GROUP, HELI-COIL DIV.

Address:SHELTER ROCK LANE

City:DANBURY

State:CT

ZIP:06810

Country:US

|

Info Phone Num:203-743-7651

Emergency Phone Num:203-743-7651

CAGE:01556

=== Contractor Identification ===

Company Name:EMHART FASTENING SYSTEM GROUP, HELI-COIL DIV.

Address:SHELTER ROCK LANE

Box:City:DANBURY

State:CT

ZIP:06810

Country:US

Phone:203-743-7651

CAGE:01556

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

Ingred Name:PIGMENTS

Fraction by Wt: 25%

Other REC Limits:NONE SPECIFIED

Ingred Name:VEHICLE

Fraction by Wt: 16%

Other REC Limits:NONE SPECIFIED

Ingred Name:SOL

VENTS (TYPE NOT SPECIFIED)

Fraction by Wt: 59%

Other REC Limits:NONE SPECIFIED

Ingréd Name:MANUFACTURER DID NOT SPECIFY INGREDIENT NAMES: TED DE POALA  
WITH HELI-COIL, PHONE # 203-790-5000 EXT. 235.

RTECS #:9999999ZZ

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYE AND SKIN IRRITATION.

CENTRAL NERVOUS SYSTEM EFFECTS. CHRONIC: NOT KNOWN.  
Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.  
Effects of Overexposure:EYES/SKIN: IRRITATION. INHALATION: HEADACHE,  
NAUSEA, DIZZINESS.  
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF SKIN  
AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF  
IRRI  
TATION PERSISTS, SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER.  
INHALATION: REMOVE VICTIM TO FRESH AIR.GIVE OXYGEN/CPR IF  
NEEDED.SEE DOCTO R. INGESTION: DO NOT INDUCE VOMITING. SEE DOCTOR  
IMMEDIATELY.

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

Flash Point Method:TCC  
Flash Point:41.0F,5.0C  
Lower Limits:1.0  
Upper Limits:7.0  
Extinguishing Media:CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DO NOT USE  
WATER.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQU

IPMENT AND A

FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:VAPOR FORMS EXPLOSIVE MIXTURE WITH AIR BETWEEN UPPER AND LOWER EXPLOSIVE LIMITS.

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

Spill Release Procedures:REMOVE PERSONNEL. ELIMINATE IGNITION SOURCES. VENTILATE AREA. WEAR PROTECTIVE CLOTHING AND EQUIPMENT. ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED.

Other Precautions:AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR OR

SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:MECHANICAL (GENERAL) VENTILATION OR LOCAL EXHAUST VENTILATION TO KEEP EXPOSURE LEVELS BELOW PEL.

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health  
NONE.

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

HCC:F2

Boiling Pt:=77.2C, 171.F

Vapor Pres:22

Vapor Density:3.2

Spec Gravity:0.871

Evaporation Rate & Reference:3.14

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LUBRICANT.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HE

AT, OPEN FLAMES AND OTHER SOURCES  
OF IGNITION

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,  
INCOMPLETELY BURNED CARBON PRODUCTS.

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

Waste Disposal Methods: CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.  
DISPOSE OF 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 seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.