

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:SO

LVENTS (TYPE NOT SPECIFIED)
Fraction by Wt: 59%
Other REC Limits:NONE SPECIFIED

Ingred 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

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===== 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.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF
IRR
ITATION 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.

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===== 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 EQ

UIPMENT 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 H

EAT, 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.

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