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MAGNAFLUX CORPORATION -- SKL-HF/S SPOTCHECK PENETRANT -- 6850-01-264-8678

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

Product ID:SKL-HF/S SPOTCHECK PENETRANT

MSDS Date:05/28/1986

FSC:6850

NIIN:01-264-8678

MSDS Number: BGRVB === Responsible Party ===

Company Name: MAGNAFLUX CORPORATION

Address:7300 W. LAWRENCE AVENUE

City:CHICAGO

State:IL ZIP:60656 Country:US

Info Phone Num:312-867-8000 Emergency Phone Num:3

12-867-8000

Preparer's Name: BRUCE C. GRAHAM (CHEMIST)

CAGE:37676

=== Contractor Identification ===

Company Name: ILLINOIS TOOL WORKS INC MAGNAFLUX DIV

Address:3624 WEST LAKE AVENUE

Box:City:GLENVIEW

State:IL ZIP:60025 Country:US

Phone:847-657-5300/

CAGE:37676

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

Ingred Name:DISTILATES(PETROLEUM),CATALYTIC REFORMER FRACTIONATER RESIDUE,LOW BOILING.

CAS:68477-31-6

Fraction by Wt: >85.0%

Ingred Name: KEROSENE

CAS:8008-20-6

RTECS

#:OA5500000

Fraction by Wt: 10.0% ACGIH TLV:100MG/CUM

Ingred Name: C.I. SOLVENT YELLOW 14 (SARA III)

CAS:842-07-9

RTECS #:QL4900000 Fraction by Wt: 01.0%

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

Health Hazards Acute and Chronic:ACUTE:PRIMARILY CAUSES IRRITATION TO EYES & SKIN.

Effects of Overexposure: INHALATION: CAUSES

DIZZINESS, NAUSEA, DROWSINESS, FROM INHALATION OF SPRAY MIST; SKIN: CAUSES IRRITATI

ON, DISSOLVES SKIN OILS. POSSIBLE DERMATITIS ON

FREQUENT OR PROLONGED EXPOSURE; EYES:MODERATE IRRITATION BY CONTACT OF LIQUID OR SPRAY; INGESTION:LOW TOXICITY,BUT HAZARDOUS IF ASPIRATED INTO LUNGS BY INGESTION OR VOMITING.

Medical Cond Aggravated by Exposure: NOT STATED BY MANUFACTURER.

First Aid:INHALATION:REMOVE TO FRESH AIR.IF NOT BREATHING,GIVE CPR.IF BREATHING IS DIFFICULT,GIVE OXYGEN; SKIN:WASH OFF IN FLOW ING WATER

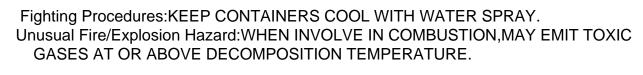
OR SHOWER.RMV CONTAMINATED CLOTHING AND WASH BEFORE RE-USE.USE SOOTHING L OTION; EYES:FLUSH EYES WITH A STEADY,GENTLE FLOW OF WATER.GET MEDICAL ASST; INGESTION:DO NOT INDUCE VOMITING.IF VOMIT IS INHALED,IT MAY CAUSE ASPHYXIATION.GET MED ATTN IMMEDIATELY;IN EMERGENCY CALL MD

Flash Point Method:PMCC Flash Point:>200F/93C

Lower Limits:6.0 Upper Limits:1.0

Extinguishing Media: CARBON DIOXIDE, FOAM

Fire



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

Spill Release Procedures:REMOVE IGNITION SOURCES.SM QTY:WIPE UP OR MOP UP BUT DO NOT BREATHE VAPORS.PLACE RAGS IN CLOSED DRUMS; LG QTY:WEAR PERSONAL SAFETY EQUIPMENTS.DIKE AREA FAR AHEAD.ABSORB LIQUID WITH COMMERCIAL ABSORBEN T.TRANSFER WASTE MATL IN SALVAGE TANKS.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT SOURCES IN WELL VENTILATED AREA.AVOID AGAINST PHYSICAL DAMAGE TO CONTAINERS.KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:DO NOT BREATHE VAPORS.DO NOT SMOKE WHILE USING.DO NOT HEAT ABOVE 130F(54C).AVOID FREQUENT OR PROLONGED SKIN CONTACT.DO NOT SPRAY INTO FLAMES,ARCS,HOT SURFACES.

===== Exposure Controls/Persona | Protection =========

Respiratory Protection:WEAR A RESPIRATOR WITH CHEMICAL CARTRIDGE. IN CONFINED AREAS,WEAR A FULL MASK WITH SEPARATE AIR SUPPLY.

Ventilation: GENERAL VENTILATION TO KEEP BELOW 350PPM LIMIT.

Protective Gloves: NITRILE RUBBER GLOVES

Eye Protection: FULL GOGGLES

Other Protective Equipment: EITHER USE IN A SPRAY BOOTH OR NEXT TO AN EXHAUST VENT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.LAUNDER CONTAMINATED CLOTHES BEFORE RE-USE.

Supplemental Safety an

d Health

1 PT PROD; QPL-25135-15 SPECIFIED SKL-HF/S PENETRANT AS TYPE II,METHOD C, PRODUCT OD MIL-I-25135,REV "D";THIS ENTRY DESCRIBES SKL-HF/S PENETRANT;THE QPL-25135-15 ALSO QUALIFIED OTHER PRODUCTS SUCH AS SKL-HT;SKL-LO;SKL-LT;& SKL-WP PENETRANTS OF MAGNAFLUX CORP FOR TY II,METH C;SE OTHER P/N IND FOR THESE ITMS.KEY1:N1.

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

HCC:N1
Boiling Pt:B.P. Text:400F/203C
Vapor Pres:0.5 @100F
Spec Gravity:0.97
Solubilit

Appearance and Odor:DARK RED LIQUID		
===========	Stability and Reactivity Data	
Stability Indicator/Materials to Avoid:YES		

y in Water: NEGLIGIBLE

STRONG OXIDIZING AGENTS
Stability Condition to Avoid: HEAT, HIGH TEMPERATURES.
Hazardous Decomposition Products: EMITS OXIDES OF CARBON AND NITROGEN.

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

Waste Disposal Methods:INCINERATE OR DISPOSE OF AS EPA HAZARDOUS WASTE D001 (IGNITABLE WASTE),IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,STATE,LOCAL REGULATIONS.

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