

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%

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

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 IRRITATION,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 Measures =====

First Aid:INHALATION:REMOVE TO FRESH AIR.IF NOT BREATHING,GIVE CPR.IF BREATHING IS DIFFICULT,GIVE OXYGEN; SKIN:WASH OFF IN FLOWING WATER OR SHOWER.RMV CONTAMINATED CLOTHING AND WASH BEFORE RE-USE.USE SOOTHING LOTION; 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

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

Flash Point Method:PMCC  
Flash Point:>200F/93C  
Lower Limits:6.0  
Upper Limits:1.0  
Extinguishing Media:CARBON DIOXIDE,FOAM  
Fire

Fighting Procedures:KEEP CONTAINERS COOL WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:WHEN INVOLVE IN COMBUSTION,MAY EMIT TOXIC GASES AT OR ABOVE DECOMPOSITION TEMPERATURE.

===== 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 ABSORBENT.TRANSFER WASTE MATERIAL 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/Personal 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 and 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 TYPE II,METHOD C;SEE OTHER P/N IND FOR THESE ITEMS.KEY1:N1.

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

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

y in Water:NEGLIGIBLE  
Appearance and Odor:DARK RED LIQUID

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

Stability Indicator/Materials to Avoid:YES  
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.

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 su  
itability of this information to their  
particular situation.