

MAGNAFLUX CORPORATION -- SKL-HF/S SPOTCHECK PENETRANT (AEROSOL) --
6850-00-963-5407

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

Product ID:SKL-HF/S SPOTCHECK PENETRANT (AEROSOL)

MSDS Date:05/01/1990

FSC:6850

NIIN:00-963-5407

MSDS Number: BFZKW

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 W LAWRENCE AVE

City:CHICAGO

State:IL

ZIP:60656-3504

Country:US

Info Phone Num:312-867-8000

Emergency Phone Num:312-867-8000

Preparer's Name:B

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

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

Ingred Name:DISTILLATES(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:ISOBUTANE
CAS:75-28-5
RTECS #:TZ4300000
Fraction by Wt: 30.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM

Ingred Name:NAPHTHALENE (SARA III)
CAS:91-20-3
RTECS #:QJ0525000
Fraction by Wt: 4.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM/15 STEL
ACGIH TLV:10 PPM/15 STEL; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

Routes of Ent

ry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE:SKIN/EYES IRRITATION

Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT
SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.

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 IR

RITATION BY

CONTACT OF LIQUID OR SPRAY; INGESTION:LOW TOXICITY,BUT HAZARDOUS IF
ASPIRATED INTO LUNGS BY INGESTION OR VOMITING.

Medical Cond Aggravated by Exposure:PERSONS WITH A SKIN DISORDER SHOULD
USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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===== 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 CONTAMINA

WASH CLOTHING AND WASH BEFORE REUSE. 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: >200F/102C(PMCC)

Lower Limits: 1.0

Upper Limits: 6.0

Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:

WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: AEROSOL CAN MAY BURST AT TEMPERATURES OVER 130F AND SPRAY COMBUSTIBLE LIQUID INTO THE FIRES.

===== 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 PE

PERSONAL SAFETY EQUIPMENTS. DIKE AREA FAR AHEAD. ABSORB LIQUID WITH COMMERCIAL ABSORBENT. 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/Personal Protection =====

Respiratory Protection: WEAR A RESPIRATOR WITH CHEMICAL CARTRIDGE IN POORLY VENTILATED AREAS. IN CONFINED, UNVENTILATED SPACES, WEAR FULL MASK WITH AIR SUPPLY.

Ventilation: LOCAL AND MECHANICAL EXHAUST RECOMMENDED. AVOID OPEN ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.

Protective Gloves: NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection: USE CHEMICAL SAFETY G

OGGLES & FACESHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.

WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

NON-STANDARD NSN MANAGED BY GSA.THOUGH NSN IS NON-STD BUT PRODUCT ITSELF IS SPECIFICATION ITEM OF TYPE II,METHOD C,MIL-I-25135D.

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

HCC:V3

Boiling Pt:B.P. Text:400F,204

C

Vapor Pres:< 0.5 MM

Vapor Density:>1.0

Spec Gravity:0.97

pH:NEUTRL

Evaporation Rate & Reference:NONE

Solubility in Water:NIL

Appearance and Odor:DARK RED LIQUID

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:IF BURNING,DECOMPOSES TO OXIDES OF CARBON & NITROGEN

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= 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.EMPTY OUT AEROSOL CANS BEFORE DISPOSAL.PRESSURIZED AEROSOL CANS ARE NOT AN ACCEPTABLE WASTE.

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