

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

Product ID:SPOTCHECK PENETRANT SKL-SP

MSDS Date:01/10/2000

FSC:6850

NIIN:00-145-0255

Kit Part:Y

MSDS Number: BRNHB

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 W. LAWRENCE AVENUE

City:CHICAGO

State:IL

ZIP:60656-3504

Country:US

Info Phone Num:708-867-8000

Emergency Phone Num:847-657-5300

Resp. Party Other MSDS Num.:(SKL-SP)

Pre

parer's Name:CHERI A. STOCKHAUSEN

Chemtrec Ind/Phone:(800)424-9300

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/

Contract Num:SP0450-98-M-CN03

CAGE:37676

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/

Contract Num:SP0450-99-M-NC55

CAGE:37676

Company

Name:MAGNAFLUX CORP
Address:218 E INDUSTRIAL ST
Box:UNKNOWN
City:DE WITT
State:IA
ZIP:52742
Country:US
Phone:319-659-8143
CAGE:0JNN1

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

Ingred Name:WHITE MINERAL OIL (PETROLEUM)
CAS:8042-47-5
RTECS #:PY8047000
Minumum % Wt:60.
Maxumum % Wt:80.
Other REC Limits:NOT PROVIDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER
CAS:84-74-2
RTECS #:TI0875000
Minumum % Wt:10
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Maxumum % Wt:30.
Other REC Limits:NOT PROVIDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:ISOBUTANE (PROPELLANT)
CAS:75-28-5
Code:F
RTECS #:TI4300000
= Wt:30.
Other REC Limits:NOT PROVIDED
OSHA PEL:1000 PPM
ACGIH TLV:NOT AVAILABLE

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

LD50 LC50 Mixture:NOT PROVIDED
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN CONTACT-CAN IRRITATE BY REMOVIN

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NATURAL SKIN OILS ON LONG OR REPEATED EXPOSURES. EYES-MAY IRRITATE. INHALATION-NOT SIGNIFICANT AT ROOM TEMPERATURE. WHEN HEATED OR SPRAYED, VAPORS MAY CAUSE DIZZI NESS AND NAUSEA. INGESTION-NOT SIGNIFICANT IN SMALL (MOUTHFUL) AMOUNTS.

Explanation of Carcinogenicity:CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS LISTED WITH OSHA, IARC, NTP OR ACGIG.

Effects of Overexposure:SKIN CONTACT-CAN IRRITATE BY REMOVING NATURAL SKIN OILS ON LONG OR REPEATED EXPOSURES. EYES-MAY IRRITA TE.

INHALATION-WHEN HEATED OR SPRAYED, VAPORS MAY CAUSE DIZZINESS AND NAUSEA.

Medical Cond Aggravated by Exposure:NONE

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

First Aid:SKIN: WASH OFF WITH SOAP AND WATER. USE SOOTHING LOTION. EYES: RINSE CAREFULLY UNDER UPPER AND LOWER EYELIDS USING PLENTY OF WATER. INHALATION: REMOVE TO FRESH AIR IF DIZZY OR NAUSEATED. INGESTION: DO NOT INDUCE VOMITING! ACCIDENTAL INGESTION OF A SMALL MOUTHFUL IS NOT EXPEC TED TO CAUSE SIGNIFICANT HARM. NOTE: IN ALL SEVERE CASES, CONTACT PHYSICIAN IMMEDIATELY. LOCAL TELEPHONE OPERATORS CAN FURNIS H NUMBER OF REGIONAL POISON CONTROL CENTERS.

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

Flash Point:FLAMMABL AEROSOL
Lower Limits:1 %
Upper Limits:6 %
Extinguishing Media:FOAM, CARBON DIOXIDE
Fire Fighting Procedures:KEEP CONTAINERS COOL WITH WATER SPRAY. DO NOT SPRAY WATER DIRECTLY ON BURNING SKL-SP. IT MAY FLOAT AND SPREAD FIR E.
Unusual Fire/Explosion Hazard:AEROSOL CANS MAY BURST AT TEMPERATURES OVER 130F AND SPRAY CONTENTS INTO FIRE.

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

Spill Release Procedures:MOP UP OR SWEEP UP WITH ABSORBENT.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AWAY FROM HEAT SOURCES. AVOID EYE CONTACT. AVOID REPEATED OR PROLONGED SKIN CONTACT. AVOID BREATHING SPRA

Y MIST. DO NOT SPRAY AROUND ARCS OR OPEN FLAMES.

Other Precautions:NOT PROVIDED

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

Respiratory Protection:RESPIRATOR WITH FILTER IF SPRAYED IN ENCLOSED UNVENTILATED SPACE.

Ventilation:NONE UNLESS SPRAYED. USE WHERE VENTILATION WILL CARRY SPRAY MIST AWAY FROM OCCUPIED AREAS.

Protective Gloves:WEAR NITRILE RUBBER GLOVES.

Eye Protection:WEAR SAFETY GLASSES TO PROTECT EYES.

Other Protective Equipment:NOT PROVIDED

Work Hygiene

c Practices:NOT PROVIDED

Supplemental Safety and Health
NONE

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

HCC:V3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=235.C, 455.F

B.P. Text:MIN

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:3117 @ 75F

Vapor Density:> 1

Spec Gravity:0.89

Viscosity:NOT PROVIDED

Evaporation Rate & Reference:NEGLIGIBLE

Solubility in Water:0

Appearance and Odor:DARK RED OILY LIQUID, MILD OILY ODOR

Percent V

Volatiles by Volume:30 %

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NOT PROVIDED

Hazardous Decomposition Products:SOOT, OXIDES OF CARBON AND NITROGEN
WHEN BURNING.

===== Toxicological Information =====

Toxicological Information:CARCINOGENICITY: CONTAINS NO KNOWN OR SUSPECT
CARCINOGENS LISTED WITH OSHA, IARC, NTP OR ACGIH. THRESH

OLD LIMIT

VALUES: 5 MG/M3 FOR OIL MIST. WHMIS INFORMATION (CANADA): ACCORDING TO AVAILABLE INFORMATION, THE INGREDIENTS HAVE NOT BEEN FOUND TO SHOW REPRODUCTIVE TOXICITY, TETRAGENICITY, MUTAGENICITY, SKIN SENSITZATION, OR SYNERGISTIC EFFECTS WITH OTHER MATERIALS.

===== Ecological Information =====

Ecological:NO DATA IS AVAILABLE FOR SKL-SP. IT FLOATS ON WATER AND CAN BE SKIMMED OFF. ITS LOW VAPOR PRESSURE MAY EXEMPT IT FROM VOC RESTRICTIONS. THE HYDROCARBON PROPELLANT IS NOT AN OZONE DEPLETER.

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

Waste Disposal Methods:AS A NON-HAZARDOUS OIL WASTE, INCINERATE OR SEND TO WASTE HANDLER WHO CAN BLEND IT INTO SECONDARY FUEL. EMPTY AEROSOL CANS BEFORE DISPOSAL.

===== MSDS Transport Information =====

Transport Information:U.S. DOT: 49 CFR 172.101 HAZARDOUS MATERIALS TABLE: PROPER SHIPPING NAME: CONSUMER COMMODITY. HAZARD CLASS OR DIVISION: ORM-D. IDENTIFICATION NO.: NONE. PACKING GROUP: NONE. IATA: LIST OF DANGEROUS GOODS: PROPER SHIPPING NAME: AEROSOLS, FLAMMABLE. HAZARD CLASS OR DIVISION: 2.1. IDENTIFICATION NO.: UN1950. -IMDG: GENERAL INDEX AEROSOL. PROPER SHIPPING NAME: AEROSOLS. HAZARD CLASS OF DIVISION: 2.1. IDENTIFICATION NO.: UN1950.

===== Regulatory Information =====

SARA Title III Information:NO REPORTABLE INGREDIENTS.
Federal Regulatory Information:TSCA: ALL INGREDIENTS ARE LISTED IN TSCA INVENTORY. CERCLA: NOT REPORTABLE. RCRA: NOT A HAZARDOUS WASTE.
State Regulatory Information:CALIFORNIA PROPOSITION 65: CONTAINS NOTHING ON THIS LIST.

===== Other Information =====

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r 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.