

ILLINOIS TOOL WORKS INC MAGNAFLUX DIV -- SPOTCHECK PENETRANT SKL-SP, AEROSOL --  
6850-01-265-7233

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

Product ID:SPOTCHECK PENETRANT SKL-SP, AEROSOL  
MSDS Date:01/10/2000  
FSC:6850  
NIIN:01-265-7233  
Status Code:A  
MSDS Number: CLHFQ  
=== Responsible Party ===  
Company Name:ILLINOIS TOOL WORKS INC MAGNAFLUX DIV  
Address:3624 WEST LAKE AVENUE  
City:GLENVIEW  
State:IL  
ZIP:60025  
Country:US  
Info Phone Num:847-657-5300/  
Emergency Phone Num:(800) 424-9300  
Resp. Party Other MSDS Num.:SKL-SP  
Preparer's Name:CHERL A. STOCKHAUSEN  
Chemtec 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:SP0450-01-M-ZF35  
CAGE:37676

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

Ingred Name:WH  
ITE MINERAL OIL (PETROLEUM)  
CAS:8042-47-5  
RTECS #:PY8047000  
Minumum % Wt:60.  
Maxumum % Wt:80.  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3

Ingred Name:1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER  
CAS:84-74-2  
RTECS #:TI0875000  
Minumum % Wt:10.  
Maxumum % Wt:30.  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:ISOBUTANE (PROPELANT)  
CAS:75-28-5

ture:NO DATA PROVIDED BY MANUFACTURER

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

Health Hazards Acute and Chronic:SKIN: CAN IRRITATE BY REMOVING NATURAL SKIN OILS ON LONG OR REPEATED EXPOSURES. EYE: MAY IRRITATE.

INHALATION: NOT SIGNIFICANT AT ROOM TEMPERATURES. WHEN HEATED OR SPRAYED, VAPORS MAY CAUSE DIZZINESS AND NAUSEA. INGESTION: NOT SIGNIFICANT IN SMALL (MOUTHFUL) AMOUNTS.

Explanation of Carcinogenicity:CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS LISTED WITH O

SHA, IARC, NTP OR ACGIH.

Effects of Overexposure:SKIN: CAN IRRITATE BY REMOVING NATURAL SKIN OILS ON LONG OR REPEATED EXPOSURES. EYE: MAY IRRITATE. INHALATION: NOT SIGNIFICANT AT ROOM TEMPERATURES. WHEN HEATED OR SPRAYED, VAPORS MAY CAUSE DIZZINESS AND NAUSEA. INGESTION: NOT SIGNIFICANT IN SMALL (MOUTHFUL) AMOUNTS.

Medical Cond Aggravated by Exposure:NONE.

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===== 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 EXPECTED TO CAUSE SIGNIFICANT HARM. NOTE: IN ALL SEVERE CASES, CONTACT PHYSICIAN IMMEDIATELY. LOCAL TELEPHONE OPERATORS CAN FURNISH NUMBER OF REGIONAL POISON CONTROL CENTER.

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

Flash

Point Method:PMCC

Flash Point:=-93.3C, 200.F  
MIN.

Extinguishing Media:CARBON DIOXIDE, FOAM.

Fire Fighting Procedures:KEEP CONTAINERS COOL WITH WATER SPRAY. DO NOT SPRAY WATER DIRECTLY ON BURNING SKL-SP. IT MAY FLOAT AND SPREAD THE FIRE.

Unusual Fire/Explosion Hazard:AEROSOL CANS MAY BURST AT TEMPERATURES OVER 130F (64C) AND SPRAY CONTENTS INTO A FIRE. HAZARDOUS COMBUSTION PRODUCTS: SMOKE, SOOT, OXIDES OF CARBON AND NITROGEN.

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

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Spill Release Procedures:MOP UP OR SWEEP UP WITH ABSORBENT.  
Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

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

Handling and Storage Precautions:STORE AWAY FROM HEAT SOURCE. AVOID EYE CONTACT. AVOID REPEATED OR PROLONGED SKIN CONTACT. AVOID BREATHING SPRAY MIST. DO NOT SPRAY AROUND ARCS OR FLAMES.  
Other Precautions:NO DATA PROVIDED BY MANUFACTURER

===== 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 IF HAND EXPOSURE IS UNAVOIDABLE.  
Eye Protection:WEAR SAFETY GLASSES TO PROTECT EYES.  
Other Protective Equipment:NO DATA PROVIDED BY MANUFACTURER  
Work Hygienic Practices:AVOID EYE CONTACT. AVOID REPEATED OR PROLONGED SKIN CONTACT. AVOID BREATHING SPRAY MIST.  
Supplemental Safety and Health  
NO DATA PROVIDED BY MANUFACTURER

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

HCC:V3  
Boiling Pt:=235.C, 455.F  
B.P. Text:MIN. (ASTM D-86)  
Vapor Pres:AEROSOL: 60 PSI@75F(24C)  
Vapor Density:>AIR  
Spec Gravity:0.89  
pH:NEUTRAL  
Evaporation Rate & Reference:NEGLIGIBLE  
Solubility in Water:0  
Appearance and Odor:DARK RED OILY LIQUID; MILD OILY ODOR.  
Percent Volatiles by Volume:NONE

===== Stability and Reac

tivity Data =====

Stability Indicator/Materials to Avoid: YES

NONE

Stability Condition to Avoid: NO DATA PROVIDED BY MANUFACTURER

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

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

Toxicological Information: THRESHOLD LIMITED VALUE: 5 MG/M3 FOR OILY  
MIST. WHMIS INFORMATION (CANADA): NO HUMAN INFORMATION IS AVAILABLE  
FOR TERATOGENICITY, REPRODUCTIVE TOXICITY AND MUTAGENICITY

. NO

REPORTS OF TOXICOLOGICAL SYNERGISM WERE LOCATED. THE INGREDIENTS  
HAVE NOT BEEN FOUND TO SHOW SKIN SENSITIZATION.

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

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

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

Waste Disposal Methods: AS A

NON-HAZARDOUS OIL WASTE, INCINERATE OR SEND

TO WASTE HANDLER WHO CAN BLEND IT INTO SECONDARY FUELS. EMPTY  
AEROSOL CANS BEFORE DISPOSAL. RCRA: NOT A HAZARDOUS WASTE. U.S. EPA  
WASTE NUMBER: NONE.

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

Transport Information: (AEROSOL) US 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

DANGEROUS GOODS: PROPER SHIPPING NAME: AEROSOLS,  
FLAMMABLE. HAZARD CLASS OR DIVISION: 2.1, IDENTIFICATION NO.:  
UN1950. PACKING GROUP: (NO DATA). IMDG: AEROSOLS, FLAMMABLE. HAZARD  
CLASS OR DIVISION: 2.1, IDENTIFICATION NO.: UN1950. PACKING GROUP:  
(NO DATA)

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

SARA Title III Information: SECTION 313: NO REPORTABLE INGREDIENTS.

Federal Regulatory Information: CERCLA: NOT REPORTABLE. TSCA: ALL  
INGREDIENTS ARE L

ISTED IN TSCA INVENTORY.

State Regulatory Information: CALIFORNIA PROPOSITION 65: CONTAINS  
NOTHING ON THIS LIST.

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

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