

3M COMPANY -- "SCOTCHLITE" REFLECTIVE LIQUID 7210 SILVER -- 8010-00-965-2498

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Product Identification
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Product ID:"SCOTCHLITE" REFLECTIVE LIQUID 7210 SILVER

MSDS Date:05/19/1993

FSC:8010

NIIN:00-965-2498

MSDS Number: BTWBS

=== Responsible Party ===

Company Name:3M COMPANY

Address:3M CTR

City:ST. PAUL

State:MN

ZIP:55144-1000

Country:US

Info Phone Num:612-733-1110

Emergency Phone Num:612-7

33-1110

CAGE:76381

=== Contractor Identification ===

Company Name:MINNESOTA MINING AND MFG CO, DBA 3M

Address:3M CENTER BLDG 224-5S-04

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:866-556 5712 / 612-733-1110

CAGE:76381

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Composition/Information on Ingredients
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Ingred Name:GLASS BEADS (SARA III)

CAS:65997-17-3

Fraction by Wt: 53-79%

Other REC Limits:3M:10 MG/M3(AS DUST)

Ingred Name:HYDROTREATED LIGHT PETROLEUM DISTILLATE

CAS:64742-47-8

Fraction by Wt

: 10-15%
Other REC Limits:MFG: 300 PPM TWA

Ingred Name:ALKYD RESIN
CAS:68515-03-7
Fraction by Wt: 6-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC
CAS:8030-30-6
RTECS #:DE3030000
Fraction by Wt: 5-8%
Other REC Limits:MFG: 300 PPM TWA

Ingred Name:MEDIUM ALIPHATIC SOLVENT NAPHTHA
CAS:64475-85-0
RTECS #:PY8240000
Fraction by Wt: 5-8%
Other REC Limits:MFG: 100 PPM TWA

Ingred Name:LEAD NAPHTHENATE (SARA III)
CAS:61790-14-5
RTECS #:QK9150000
Fraction
by Wt: 0.04%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM DISTILLATES
CAS:8002-05-9
RTECS #:SE7449000
Fraction by Wt: 0.03%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM TWA;400 PPM
ACGIH TLV:400 PPM

Ingred Name:VOC: 451.00 GMS/LITER
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYE: IRRITATION. SKIN: IRRITATION.

INHALATION: IRRITATION. PROLONGED/REPEATED OVEREXPOSURE MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. INGESTION: NOT LIKELY ROUTE OF EXPOSURE. IRRITATION OF GI TISSUE S. CENTRAL NERVOUS SYSTEM DEPRESSION.

Effects of Overexposure:EYE:RED,SWELL,PAIN,TEAR,HAZY VISION.SKIN:RED,SWELL,ITCH.INHAL:NOSE/THROAT SORE,SNEEZE.HEADACHE,DIZZY,DROWSY,INCOORDINTN,SLOW REACT TIME,SLURRD SPEECH,GIDDY,UNCONSCIOUS.INGEST:PAIN,VOMIT,ABDOM TENDER,N AUSEA,BLOOD IN VOMIT/FECES.MUSCULR WEA K,INCOORDINTN,SLOW REACT TIME,FATIGUE,BLURRD VISION,TREMOR,SLURRD SPEECH,CONVULSN.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER. GET IMMED MEDICAL AID. SKIN: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRIT PERSISTS, GET MED AID. INHAL: REMOVE PERSON TO FRESH AIR. IF NOT BREATHING, GIVE ARTIF RESPIRATION. IF BREATHING DIFFICULT, GET IMMED MED AID. INGEST: CALL PHYSICIAN IMMEDIATELY. ONLY INDUCE VOMITING AT THE INSTRUCTION OF PHYSICIAN. NOTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:TCC
Flash Point:85.0F,29.4C
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, FOAM
Fire Fighting Procedures:FULL PROTECT CLTHES:HELMET,SCBA/PRESSR DEMAND BREATH APPARATUS,BUNKER COAT,PANTS,BANDS,PROTECTV HEAD COVER.WATER INEFFECTIVE,USE TO KEEP FIRE EXPOSD CNTNR COOL.
Unusual Fire/Explosion Haza
rd:VAPORS MAY TRAVEL LONG DISTANCES ALONG THE GROUND OR FLOOR TO AN IGNITION SOURCE AND FLASH BACK.

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

Spill Release Procedures:SEE MSDS FOR PHYSICAL,HEALTH HZD,RESP PROTECTN,VENT,PERSONAL PROTECT EQUIP INFO. CALL 612-733-1110/612-733-6100 FOR SPILL AID. VENT AREA,EXTINGUISH IGNIT SOURCE. CONTAIN. COVER W/INORGANIC ABSORBNT. C OLLECT. CLEAN UP.PLACE IN DOT APPRVD CNTNR & SEAL.

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===== Handling

and Storage =====

Handling and Storage Precautions:AVOID EYE CONTACT. KEEP CONTAINER CLOSED WHEN NOT IN USE. FLAMMABLE LIQUID & VAPOR. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME, IGNIT SOURCE.

Other Precautions:GROUND CONTAINER SECURELY WHEN TRANSFERRING CONTENTS. WEAR LOW STATIC OR PROPERLY GROUNDED SHOES. WASH HANDS AFTER HANDLING AND BEFORE EATING. DO NOT INGEST. AVOID PROLONGED BREATHING OF VAPORS.

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

Respiratory Protection:BASED ON AIRBORNE CONCENTRATION OF CONTAMINANTS & IN ACCORDANCE WITH OSHA REGS: 1/2 MASK ORGANIC VAPOR RESPIRATOR,FULL-FACE ORGANIC VAPOR RESPIRATOR,FULL FACE SUPPLIED AIR RSPRTR,FULL FACE PRESSURE DE MAND SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST VENT AT TRANSFR POINT.USE IN VENTD AREA.MAINTAIN BELOW TLV.IF EXHAUST VENT INADEQUATE USE RESP PROTECTION.

Protective Gloves:NITRILE RUBBER, POLYETHYLENE/ETHYLENE *

Eye Prot

ection:UNVENTED GOGGLES WHEN CONTACT LIKELY.

Other Protective Equipment:* VINYL ALCOHOL, POLYVINYL ALCOHOL, POLYVINYL CHLORIDE. WEAR LOW STATIC OR PROPERLY GROUNDED SHOES.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING.

Supplemental Safety and Health

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

Spec Gravity:1.66

Viscosity:THIXOTROPIC

Solubility in Water:INSOLUBLE

Appearance and Odor:LIQUID, SILVER, SOLVENT ODOR

Percent Volatiles by Volume:26.60

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE, HYDROCARBONS

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

Waste Disposal Methods:DISPOSE OF WASTE PRODUCT IN A HAZARDOUS WASTE FACILITY. RECLAIM IF FEASIBLE. US EPA HAZARDOUS WASTE NO: D008 (LEAD), D001 (IGNITABLE).

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mpiling agencies):

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