

3 M, TRAFFIC CONTROL MATERIALS -- SCOTCHLITE REFLECTIVE LIQUID 7211 YELLOW --  
8010-00-965-2499

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Product Identification  
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Product ID:SCOTCHLITE REFLECTIVE LIQUID 7211 YELLOW

MSDS Date:06/28/1990

FSC:8010

NIIN:00-965-2499

MSDS Number: BNTNJ

=== Responsible Party ===

Company Name:3 M, TRAFFIC CONTROL MATERIALS

Address:3M CTR

City:ST. PAUL

State:MN

ZIP:55144-1000

Country:US

Info Phone Num:61

2-733-1000

Emergency Phone Num:612-733-1000

CAGE:94960

=== 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

Company Name:MINNESOTA MINING AND MFG CO TRAFFIC CONTROL MATERIALS DIV

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-0001

Country:US

Phone:800-553-1380

CAGE:94960

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Composition/Information on Ingredients =

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Ingred Name:GLASS  
CAS:65997-17-3  
Fraction by Wt: 41.0%- \*  
Other REC Limits:\* 61.4

Ingred Name:HYDROTREATED LIGHT PETROLEUM DISTILLATE  
CAS:64742-47-8  
RTECS #:GA5504000  
Fraction by Wt: 15.9%- \*  
Other REC Limits:\* 23.9

Ingred Name:CI PIGMENT YELLOW (LEAD CHROMATE)  
CAS:1344-37-2  
Fraction by Wt: 8.3% -\*  
Other REC Limits:\* 12.5  
OSHA PEL:0.05 MG/M3 PB

Ingred Name:ALKYD RESIN  
CAS:68515-03-7  
Fraction by Wt: 6.9%- \*  
Other REC Limits:\* 10.3

Ingred Name:NAPHTHOL SPIRITS  
CAS:64742-48-9  
Frac  
tion by Wt: 3.8-5.7%  
Other REC Limits:CHEM MFR:TWA 300 PPM

Ingred Name:SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH.  
CAS:8030-30-6  
RTECS #:DE3030000  
Fraction by Wt: 2.0-2.9%  
Other REC Limits:NONE SPECIFIED

Ingred Name:ALUMINUM SULFATE (SARA III)  
CAS:14504-95-1  
RTECS #:BD1700000  
Fraction by Wt: 1.8-2.8%  
Other REC Limits:NONE SPECIFIED

Ingred Name:VOLATILE ORGANICS: 440.00 GM/L  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

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

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outes of Entry: Inhalation: YES Skin: YES Ingestion: YES  
Reports of Carcinogenicity: NTP: UNKNOWN IARC: YES  
Health Hazards Acute and Chronic: EYE: DIRECT CONTACT W/LIQ OR VAPOR:  
EYE IRRIT. SKIN: REPEAT/PROLONG CONTACT: IRRIT. INHAL: ELEVATED  
VAPOR LEVELS: RESP SYS IRRIT & NERV SYS IMPAIRMENT. OVEREXPOS  
SYMPTOMS: DIZZY, WEAKNESS, FATIGUE, NAUSEA, HEADACHE,  
UNCONSCIOUSNESS. MIST EXPOS: BLOOD & PERIPHERAL NERVE DAMAGE.  
KIDNEY DAMAGE (ANIMAL STUDIES). INGEST: \*

Explanation of Carci  
nogenicity: IARC STATES THERE IS SUFFICIENT EVIDENCE  
OF CARCINOGENICITY PROVIDED BY STUDIES IN LAB ANIMALS EXPOSED TO  
LEAD CHROMATE.

Effects of Overexposure: \* DIGEST SYS IRRIT, NAUSEA, VOMIT, NERVOUS SYS  
IMPAIR. ASPIRATION OF LIQ INTO LUNGS CAN CAUSE CHEM PNEUMONITIS  
(CAN BE FATAL). LEAD IS CUMMULATIVE POISON. PERIPHERAL NERVE  
DETERIORATION, ABNORMAL SPERM MORPHOLOGY/FETAL EFFECTS. HEADACHE,  
NAUSEA, VOMITING, ABDOMINAL SPASMS, WEAKNESS, ANEMIA, LEAD-LINE ON  
GUMS, & COM

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

First Aid: EYE: IMMEDIATELY FLUSH EYES W/PLENTY OF WATER. CONTINUE FOR  
10 MINUTES HOLDING EYELIDS OPEN. CALL PHYSICIAN. SKIN: WASH W/ SOAP  
& WATER. INHALATION: REMOVE PERSON TO FRESH AIR. IF BREATHING IS  
DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE  
ARTIFICIAL RESPIRATION. KEEP PERSON WARM AND QUIET. CALL A  
PHYSICIAN. IF SWALLOWED: DON'T INDUCE VOMIT. GIVE 1-2 GLASSES  
WATER. CALL PHYSI  
CIAN.

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

Flash Point Method: TCC  
Flash Point: 80.0F, 26.7C  
Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEMICAL.  
Fire Fighting Procedures: FIRE FIGHTERS SHOULD BE EQUIPPED WITH FULL  
PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard: FLAMMABLE LIQUID.

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

Spill Release Procedures: OBSERVE PRECAUTIONS FROM OTHER SECTIONS.  
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EXTINGUISH ALL IGNITION SOURCES. VENTILATE AREA. CONTAIN SPILL.  
COVER WITH ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL. CLEAN UP  
RESIDUE. PLACE IN A US DOT CONTAINER AND SEAL.

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

Handling and Storage Precautions:FLAMMABLE LIQUID. KEEP AWAY FROM HEAT,  
SPARKS & OPEN FLAME. PREVENT ALL SOURCES OF IGNITION. WEAR LOW  
STATIC OR PROPERLY GROUNDED SHOES TO PREVENT \*\*

Other Precautions:\*\*BUILDUP OF STATIC CHARGES ON BODY. KE  
EP CNTNR CLSD.

GRND CNTNR WHEN TRANSFERRING CONTENTS. DON'T GET IN EYES, ON SKIN.  
AVOID PROLONGED EXPOSURE TO ELEVATED CONCENTRATIONS OF VAPOR.

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

Respiratory Protection:WEAR NIOSH APPROVED ORGANIC VAPOR RESPIRATOR (OR  
EQUIVALENT) FOR SUPPLEMENTAL PROTECTION WHEN NEEDED (E.G., SPILLS,  
CLEANUP ACTIVITIES).

Ventilation:USE LOCAL AND GENERAL VENTILATION TO MAINTAIN VAPOR LEVELS  
WITHIN ESTABLISHED THRESHOLD LIMIT  
VALUES.

Protective Gloves:IMPERVIOUS (E.G., NBR NITRILE) GLOVES.

Eye Protection:EYE PROTECTION.

Other Protective Equipment:WEAR PROTECTIVE CLOTHING AS NEEDED TO  
PREVENT CONTACT DURING HANDLING, TRANSFERRING, EQUIPMENT CLEANUPS &  
SPILL CLEANUP.

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING AND WASH BEFORE  
REUSE. WASH HANDS, ARMS, FACE WITH SOAP & WATER AFTER HANDLING.

Supplemental Safety and Health

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

Spec Grav

ity:1.58

Viscosity:0.0 CPS

Solubility in Water:.00G/100CC INSOLUBLE

Appearance and Odor:YELLOW LIQUID, SOLVENT ODOR.

Percent Volatiles by Volume: 28.00

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

Stability Indicator/Materials to Avoid:YES

NONE.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY PRODUCE  
CARBON MONOXIDE AND CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF WASTE/BULK PRODUCT

IN A HAZARDOUS

WASTE FACILITY. SINCE REGULATIONS VARY, CONSULT APPLICABLE  
REGULATIONS OR AUTHORITIES BEFORE DISPOSAL. US EPA HAZARDOUS WASTE  
NO: D001, D007, D008.

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