

MATERIAL SAFETY 3M  
 DATA SHEET 3M Center  
 St. Paul, Minnesota  
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This material safety data sheet (MSDS) is provided as a courtesy  
 in response to a customer request. This product is not regulated  
 under, and a MSDS is not required for this product by the OSHA  
 Hazard Communication Standard (29 CFR 1910.1200) because, when  
 used as recommended or under ordinary conditions, it should not  
 present a health and safety hazard. However, use or processing  
 of the product not in accordance with the product's  
 recommendations or not under ordinary conditions may affect the  
 performance of the product and may present potential health and  
 safety hazards.

DIVISION: SAFETY & SECURITY SYSTEMS DIVISION

TRADE NAME:

SCOTCHLITE(TM) REFLECTIVE TRANSFER FILM 8787 FLUORESCENT LIME/YELLOW  
 ID NUMBER/U.P.C.:

|                |                  |                |                  |
|----------------|------------------|----------------|------------------|
| 75-0001-2063-6 | 00-51138-90727-3 | 75-0299-8242-0 | 00-51138-23388-4 |
| 75-0299-8756-9 | 00-51138-29747-3 | 75-0299-8758-5 | 00-51138-29749-7 |
| 75-0299-8760-1 | 00-51138-29751-0 | 75-0299-8762-7 | 00-51138-29753-4 |
| 75-0299-8764-3 | 00-51138-29755-8 | 75-0299-8766-8 | 00-51138-29757-2 |

ISSUED: March 11, 1999

SUPERSEDES: February 24, 1997

DOCUMENT: 07-1500-3

| 1. INGREDIENT                     | C.A.S. NO.  | PERCENT |      |
|-----------------------------------|-------------|---------|------|
| RESINS, PIGMENTS.....             | TradeSecret | 20      | - 30 |
| PAPER LINER.....                  | Unknown     | 15      | - 25 |
| INORGANIC COATED GLASS BEADS..... | None        | 15      | - 25 |
| ADHESIVE.....                     | TradeSecret | 15      | - 25 |
| POLYETHYLENE LINER.....           | Unknown     | 10      | - 20 |

2. PHYSICAL DATA

BOILING POINT:..... N/A  
 VAPOR PRESSURE:..... N/A  
 VAPOR DENSITY:..... N/A  
 EVAPORATION RATE:..... N/A  
 SOLUBILITY IN WATER:..... N/A

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

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2. PHYSICAL DATA (continued)  
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SPECIFIC GRAVITY:..... N/A  
PERCENT VOLATILE:..... N/A  
pH:..... N/A  
VISCOSITY:..... N/A  
MELTING POINT:..... N/A

APPEARANCE AND ODOR:

Manufacturer/Converter: Red/Orange film with top and bottom liner.  
End User: Red/Orange film laminated to fabric.

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... N/A  
FLAMMABLE LIMITS - LEL:..... N/A  
FLAMMABLE LIMITS - UEL:..... N/A  
AUTOIGNITION TEMPERATURE:..... N/A

EXTINGUISHING MEDIA:

Water spray, Carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES:

None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

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4. REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

None known.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Irritant Vapors or Gases.

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5. ENVIRONMENTAL INFORMATION  
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SPILL RESPONSE:  
Not applicable.

RECOMMENDED DISPOSAL:  
Incinerate in an industrial or commercial facility. Disposal  
alternative: Dispose of waste product in a sanitary landfill.

ENVIRONMENTAL DATA:  
Not determined.

REGULATORY INFORMATION:  
Volatile Organic Compounds: N/A.  
VOC Less H2O & Exempt Solvents: N/A.

Since regulations vary, consult applicable regulations or authorities  
before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S.  
EPA Hazardous).

EPCRA HAZARD CLASS:  
FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: No CHRONIC: No

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6. SUGGESTED FIRST AID  
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EYE CONTACT:  
No need for first aid is anticipated.

SKIN CONTACT:  
No need for first aid is anticipated.

INHALATION:  
No need for first aid is anticipated.

IF SWALLOWED:  
No need for first aid is anticipated.

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7. PRECAUTIONARY INFORMATION  
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EYE PROTECTION:  
As a good industrial hygiene practice:  
  
Avoid eye contact.

SKIN PROTECTION:  
Not applicable.

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Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

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7. PRECAUTIONARY INFORMATION (continued)  
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RECOMMENDED VENTILATION:

As a good industrial hygiene practice:

Use in a well-ventilated area.

RESPIRATORY PROTECTION:

Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:

Not applicable. Do not ingest.

RECOMMENDED STORAGE:

Store in a cool place.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

EXPOSURE LIMITS

| INGREDIENT                        | VALUE | UNIT | TYPE | AUTH | SKIN* |
|-----------------------------------|-------|------|------|------|-------|
| RESINS, PIGMENTS.....             | NONE  | NONE | NONE | NONE |       |
| PAPER LINER.....                  | NONE  | NONE | NONE | NONE |       |
| INORGANIC COATED GLASS BEADS..... | NONE  | NONE | NONE | NONE |       |
| ADHESIVE.....                     | NONE  | NONE | NONE | NONE |       |
| POLYETHYLENE LINER.....           | NONE  | NONE | NONE | NONE |       |

\* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- NONE: None Established

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8. HEALTH HAZARD DATA  
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EYE CONTACT:

Eye contact is not expected to occur during normal use of the product.

SKIN CONTACT:

No adverse health effects are expected from skin contact.

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Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

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8. HEALTH HAZARD DATA (continued)  
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INHALATION:

No adverse health effects are expected from inhalation exposure.

IF SWALLOWED:

No adverse health effects are expected from swallowing.

OTHER HEALTH HAZARD INFORMATION:

This product, when used under reasonable conditions or in accordance with the 3M directions for use, should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

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Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately  
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