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3M General Offices
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Duns No.: 00-617-3082

MATERIAL SAFETY
DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS
TRADE NAME: UNDERSEAL(R) Rubberized Undercoating (P.N. 08883)
3M I.D. NUMBER: 62-5814-4919-6
ISSUED: JULY 8, 1987
SUPERSEDES: JANUARY 7, 1986
DOCUMENT: 10-0194-0

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS
synthetic rubber	N/A		N/A
wood rosin derivatives	N/A		N/A
talc	N/A		N/A
curatives	N/A		N/A
TOTAL OF THE ABOVE	N/A	37.0- 39.0	N/A
hexane*	N/A	20.0- 22.0	500 ppm
*contains minimum 44% n-hexane	110-54-3	16.0- 18.0	50 ppm
propane	74-98-6	14.0- 16.0	1000 ppm
asphalt	8052-42-4	7.0- 9.0	5 mg/m3
carbon black	1333-86-4	0.5- 1.5	3.5 mg/m3

- SOURCE OF EXPOSURE LIMIT DATA:
1. ACGIH Threshold Limit Values
 2. Federal OSHA Permissible Exposure Limit
 3. 3M Exposure Guidelines
 4. Chemical Manufacturer Recommended Guidelines
 5. None Established

ABBREVIATIONS:
N/D - Not Determined
N/A - Not Applicable

2. PHYSICAL DATA

BOILING POINT:	Compressed Gas
VAPOR PRESSURE:	Compressed Gas
VAPOR DENSITY (Air=1):	2.97
EVAPORATION RATE (Ether=1):	1.9
APPEARANCE AND ODOR:	Black, solvent odor
SOLUBILITY IN WATER:	Nil
SP. GRAVITY (Water=1):	<1
PERCENT VOLATILE:	Approx. 62%
VISCOSITY:	N/A
pH:	N/A

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3. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (C.C. - Propane): -50F
FLAMMABLE LIMITS - LEL: 1.2 UEL: 6.9

EXTINGUISHING MEDIA:

CO2, foam, dry chemical

SPECIAL FIRE FIGHTING PROCEDURES:

Treat as pressurized container. Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material. Keep stacked containers, adjacent to fire, cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Extremely Flammable. Treat as a pressurized container. Pressurized containers can explode when overheated.

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4. REACTIVITY DATA

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STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A

CONDITIONS TO AVOID: Do not store at temperatures above 120F.
HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2, HCl and possible traces of chlorine and phosgene when subjected to excessive heat or flame.

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:

Observe all precautions in Section 7. If any cans rupture, extinguish all ignition sources and ventilate the area. Use absorbent material as needed in cleanup procedure. Place cans in an approved U.S. Department of Transportation container.

RECOMMENDED DISPOSAL:

Do not puncture or burn cans in household incinerator. Incinerate in permitted hazardous Waste facility that can handle aerosol cans safely.

U.S. EPA Hazardous waste Number: D001 (IGNITABLE).

ENVIRONMENTAL DATA:

VOC: 539 grams/liter maximum Volatile Organic Compound.

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6. SUGGESTED FIRST AID

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EYE CONTACT:

Flush immediately with plenty of water for at least 10 minutes and call a physician.

SKIN CONTACT:

Wash affected area with soap and water.

INHALATION:

Provide fresh air. If breathing is difficult provide oxygen and call a physician.

IF SWALLOWED:

Do not induce vomiting. Call a physician immediately. If spontaneous vomiting should occur, lower victim's head between the knees to prevent aspiration into the lungs.

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7. PRECAUTIONARY INFORMATION

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Keep product and its vapors away from heat, sparks and flames. Extinguish and do not ignite any flame in the immediate work area. Do not use in confined areas or areas with little or no air movement unless you employ means to circulate air and prevent vapor buildup. Avoid breathing vapor and overspray (airborne adhesive particles). Prevent eye and skin contact. Keep out of the reach of children. NOTE: Use protective equipment where possible, i.e. safety glasses and gloves. Local exhaust ventilation should be used if large quantities are sprayed in a short period of time.

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8. HEALTH HAZARD DATA

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EYE CONTACT: May cause irritation.

SKIN CONTACT: May cause irritation. Liquid may be absorbed through the skin.

INHALATION: May cause respiratory tract irritation. Inhalation of vapor concentrations above the permissible limit may cause respiratory system irritation and temporary nervous system impairment. Symptoms include dizziness, fatigue, nausea, headache, facial numbness. Repeated or extreme overexposure to n-hexane may cause nervous system damage.

INGESTION: May cause gastrointestinal irritation. Symptoms include nausea, vomiting, diarrhea. Aspiration into the lungs through vomiting may cause lung damage.

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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.

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