

MATERIAL SAFETY
DATA SHEET

3M
3M Center
St. Paul, Minnesota
55144-1000
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MMM 6047

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DIVISION: CONSUMER STATIONERY DIVISION

TRADE NAME:

Scotch(TM) Brand Super Strength All Purpose Adhesive, Catalog #6047,
#6048.

ID NUMBER/U.P.C.:

70-0706-3807-0	-	-	-	70-0706-3958-1	00-51131-64786-7
70-0706-4122-3	00-51131-64809-3	70-0707-3170-1	00-51131-64779-4		
70-0708-2607-1	00-51131-76151-8	FS-9100-1460-4	00-51131-64779-4		
FS-9100-2400-9	00-51131-64779-4	FS-9100-2627-7	00-51131-76275-6		

ISSUED: April 27, 1998

SUPERSEDES: February 05, 1998

DOCUMENT: 06-8294-8

1. INGREDIENT	C.A.S. NO.	PERCENT
METHYL ETHYL KETONE.....	78-93-3	59.5 - 60.5
.....(VINYL CHLORIDE/VINYL		
ACETATE/MALEIC ANHYDRIDE POLYMER RESIN	9005-09-8	25.0 - 35.0
POLYURETHANE RESIN.....	9068-94-4	5 - 10
4,4'-ISOPROPYLIDENEDIPHENOL-		
EPICHLOROHYDRIN POLYMER.....	25068-38-6	< 0.5
VINYL ACETATE.....	108-05-4	< 0.14

This product contains the following toxic chemical or chemicals subject to
the reporting requirements of Section 313 of Title III of the Emergency
Planning and Community Right-To-Know Act of 1986 and 40 CFR Part 372:

METHYL ETHYL KETONE
VINYL ACETATE

2. PHYSICAL DATA

BOILING POINT:..... ca. 176.00 F
Boiling Point for MEK
VAPOR PRESSURE:..... ca. 80.0000 mmHg
Measured at 20C
VAPOR DENSITY:..... ca. 2.50 Air=1
Vapor density of MEK
EVAPORATION RATE:..... ca. 2.70 Ether=1

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

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PHYSICAL DATA (continued)

SOLUBILITY IN WATER:..... slight
SPECIFIC GRAVITY:..... ca. 0.950 Water=1
PERCENT VOLATILE:..... ca. 60.00 % by wt
pH:..... N/D
VISCOSITY:..... N/D
MELTING POINT:..... N/D

APPEARANCE AND ODOR:
viscous liquid, clear, ketone odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... ca. 20.00 F TCC
FLAMMABLE LIMITS - LEL:..... ca. 1.80 % by vol
BY VOLUME
FLAMMABLE LIMITS - UEL:..... ca. 11.50 % by vol
BY VOLUME
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:
Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:
Wear full protective clothing, including helmet, self-contained,
positive pressure or pressure demand breathing apparatus, bunker coat
and pants, bands around arms, waist and legs, face mask, and
protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Closed containers exposed to heat from fire may build pressure and
explode. Vapors may travel long distances along the ground or floor
to an ignition source and flash back.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 3 REACTIVITY: 1
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
Not applicable.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

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REACTIVITY DATA (continued)

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Toxic Vapors, Gases or
Particulates.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate area. Extinguish all ignition sources. Contain spill. Evacuate unprotected personnel from hazard area. Cover with absorbent material. Cover spill area with Light Water Brand or other ATC foam. (For further information on ATC foam usage, contact 3M Fire Protection Systems.) Collect using non-sparking tools. Clean up residue with an appropriate solvent such as Methyl Ethyl Ketone. Extinguish all ignition sources and ventilate area. Follow the MSDS recommendations for the cleanup solvent. Place in an approved metal container. Seal the container.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: < 597 gms/liter South Coast Air Quality Mgmt Dist Method.
VOC Less H2O & Exempt Solvents: < 601 gms/liter South Coast Air Quality Mgmt Dist Method.

Since regulations vary, consult applicable regulations or authorities before disposal. In the event of an uncontrolled release of this material, the user should determine if the release qualifies as a reportable quantity. U.S. EPA Hazardous Waste Number = D001 (Ignitable) D035 (Methyl ethyl ketone)

EPCRA HAZARD CLASS:

FIRE HAZARD: Yes PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

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SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:

Flush skin with large amounts of water. If irritation persists, get medical attention.

INHALATION:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact.

SKIN PROTECTION:

Avoid skin contact.

RECOMMENDED VENTILATION:

Use in a well-ventilated area.

RESPIRATORY PROTECTION:

Avoid breathing of vapors.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed. Keep away from heat, sparks, open flame, and other sources of ignition. Extremely flammable liquid and vapor.

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PRECAUTIONARY INFORMATION (continued)

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
METHYL ETHYL KETONE.....	200	PPM	TWA	OSHA	
METHYL ETHYL KETONE.....	300	PPM	STEL	OSHA	
METHYL ETHYL KETONE.....	200	PPM	TWA	ACGIH	
METHYL ETHYL KETONE.....	300	PPM	STEL	ACGIH	
POLY(VINYL CHLORIDE/VINYL ACETATE/MALEIC ANHYDRIDE POLYMER RESIN.....	NONE	NONE	NONE	NONE	
POLYURETHANE RESIN.....	NONE	NONE	NONE	NONE	
4,4'-ISOPROPYLIDENEDIPHENOL- EPICHLOROHYDRIN POLYMER.....	NONE	NONE	NONE	NONE	
VINYL ACETATE.....	10	PPM	TWA	ACGIH	
VINYL ACETATE.....	15	PPM	STEL	ACGIH	
VINYL ACETATE.....	10	PPM	TWA	OSHA	
VINYL ACETATE.....	20	PPM	STEL	OSHA	

* 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:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:

Mild Skin Irritation (after prolonged or repeated contact):
signs/symptoms can include redness, swelling, and itching.

INHALATION:

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

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HEALTH HAZARD DATA (continued)

Prolonged or repeated overexposure, above recommended guidelines, may cause:

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

IF SWALLOWED:

Ingestion may cause:

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

CANCER:

WARNING: Contains a chemical which can cause cancer.(108-05-4) (ACGIH Animal Carcinogen A3, IARC possible human carcinogen 2B)

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE February 05, 1998	ISSUE
SUGG. FIRST AID	SECTION CHANGED SINCE February 05, 1998	ISSUE
PRECAUTIONARY INFO.	SECTION CHANGED SINCE February 05, 1998	ISSUE
HEALTH HAZARD DATA	SECTION CHANGED SINCE February 05, 1998	ISSUE

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