

MSDS: 7SH88

ITEM: 3XH51

DROP LOCATION: P3-241

ORDER: 0055320776

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

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MATERIAL SAFETY DATA SHEET - 7SH88  
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Associated Grainger Items

3XH51

3XH51

MATERIAL SAFETY 3M  
DATA SHEET 3M CENTER  
ST. PAUL, MINNESOTA  
55144-1000  
(612) 733-1110

DIVISION: INDUSTRIAL TAPE AND SPECIALTIES DIVISION

TRADE NAME: SCOTCH-GRIP (TM) 4475 PLASTIC ADHESIVE

3M ID NUMBER/U.P.C.:

62-4475-0635-3 00-21200-22688-5 62-4475-2631-0 00-21200-21220-8  
62-4475-2635-1 - - - 62-4475-6530-0 00-21200-21221-5  
62-4475-8530-8 - - - 62-4475-8531-6 00-21200-21223-9  
62-4475-9530-7 00-21200-21224-6

ISSUED: MARCH 10, 1995

SUPERSEDES: FEBRUARY 14, 1995

DOCUMENT: 10-2966-9

1. INGREDIENT	C.A.S. NO.	PERCENT
METHYL ETHYL KETONE	78-93-3	50.0-60.0
VINYL CHLORIDE-VINYL ACETATE POLYMER	9003-22-9	20.0-30.0
POLYURETHANE POLYMER	56815-45-3	20.0-30.0

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.

2. PHYSICAL DATA

BOILING POINT: 176.00F (METHYL ETHYL KETONE)  
VAPOR PRESSURE: 80.0000 MMHG @ 68F  
VAPOR DENSITY: 2.50 AIR=1  
EVAPORATION RATE: 2.70 WATER=1  
SOLUBILITY IN WATER: VERY SLIGHT  
SPECIFIC GRAVITY: 0.950 WATER=1  
PERCENT VOLATILE: CA. 60.00% BY WT  
VOLATILE ORGANIC COMPOUNDS: 568 GMS/LITER SCAQMD RULE 443.1, CALCULATED  
VOC LESS H2O & EXEMPT SOLVENTS: 568 GMS/LITER SCAQMD RULE 443.1, CALCULATED  
PH: N/D  
VISCOSITY: 8500.0 CENTIPOISE  
MELTING POINT: N/D  
APPEARANCE AND ODOR: CLEAR, KETONE ODOR.

ON HAZARD DATA

10.00F TCC (METHYL ETHYL KETONE)

LIMITS - LEL: 1.80% BY VOL

LIMITS - UEL: 11.50% BY VOL

IGNITION 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: 2 FIRE: 3 REACTIVITY: 0  
UNUSUAL REACTION HAZARD: NONE

4. REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID: STRONG OXIDIZING AGENTS.

HAZARDOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND CARBON DIOXIDE, OXIDES OF NITROGEN, HYDROGEN CHLORIDE, ALDEHYDES, KETONES, HYDROCARBONS.

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. IN THE U.S.A., CALL (612) 733-1110 OR (612) 733-6100 FOR 24-HOUR SPILL ASSISTANCE. VENTILATE AREA. EXTINGUISH ALL IGNITION SOURCES. COVER WITH ABSORBENT MATERIAL. COLLECT USING NON-SPARKING TOOLS. PLACE IN A U.S. DOT-APPROVED CONTAINER.

RECOMMENDED DISPOSAL: INCINERATE IN A PERMITTED HAZARDOUS WASTE INCINERATOR IN THE PRESENCE OF A COMBUSTIBLE MATERIAL. DISPOSE OF WASTE PRODUCT IN A FACILITY PERMITTED TO ACCEPT CHEMICAL WASTE.

ENVIRONMENTAL DATA: NOT DETERMINED.

REGULATORY INFORMATION: SINCE REGULATIONS VARY, CONSULT APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL. U.S. EPA HAZARDOUS WASTE NUMBER = D001 (IGNITABLE).

EPCRA HAZARD CLASS: FIRE HAZARD: YES PRESSURE: NO REACTIVITY: NO  
ACUTE: YES CHRONIC: YES

6. 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

AL ATTENTION.

REMOVE PERSON TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL  
IF BREATHING IS DIFFICULT, GET IMMEDIATE MEDICAL ATTENTION.

ALLOWED: IF SWALLOWED, CALL A PHYSICIAN IMMEDIATELY. ONLY INDUCE  
VOMITING AT THE INSTRUCTION OF A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO  
AN UNCONSCIOUS PERSON.

7. PRECAUTIONARY INFORMATION

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EYE PROTECTION: AVOID EYE CONTACT. WEAR VENTED GOGGLES. WEAR SAFETY GLASSES  
WITH SIDE SHIELDS.

SKIN PROTECTION: AVOID SKIN CONTACT. WEAR APPROPRIATE GLOVES WHEN HANDLING  
THIS MATERIAL. A PAIR OF GLOVES MADE FROM THE FOLLOWING MATERIAL(S) ARE  
RECOMMENDED: BUTYL RUBBER, POLYETHYLENE/ETHYLENE VINYL ALCOHOL,  
POLYTETRAFLUOROETHYLENE (TEFLON).

RECOMMENDED VENTILATION: USE IN A WELL-VENTILATED AREA. PROVIDE SUFFICIENT  
VENTILATION TO MAINTAIN EMISSIONS BELOW RECOMMENDED EXPOSURE LIMITS. IF  
EXHAUST VENTILATION IS NOT ADEQUATE, USE APPROPRIATE RESPIRATORY PROTECTION.

RESPIRATORY PROTECTION: AVOID PROLONGED BREATHING OF VAPORS. SELECT ONE OF  
THE FOLLOWING NIOSH APPROVED RESPIRATORS BASED ON AIRBORNE CONCENTRATION OF  
CONTAMINANTS AND IN ACCORDANCE WITH OSHA REGULATIONS: HALF-MASK ORGANIC VAPOR  
RESPIRATOR.

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. FLAMMABLE  
LIQUID AND VAPOR. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND OTHER SOURCES  
OF IGNITION. GROUND CONTAINERS SECURELY WHEN TRANSFERRING CONTENTS. WEAR LOW  
STATIC OR PROPERLY GROUNDED SHOES.

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	
VINYL CHLORIDE-VINYL ACETATE					
POLYMER	NONE	NONE	NONE	NONE	
POLYURETHANE POLYMER	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:

- ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
- OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
- NONE: NONE ESTABLISHED

8. HEALTH HAZARD DATA

MODERATE EYE IRRITATION: SIGNS/SYMPTOMS CAN INCLUDE REDNESS,  
TEARING, AND HAZY VISION.

CONTACT: MILD SKIN IRRITATION (AFTER PROLONGED OR REPEATED CONTACT):  
SYMPTOMS CAN INCLUDE REDNESS, SWELLING AND ITCHING.

INHALATION: CENTRAL NERVOUS SYSTEM DEPRESSION: SIGNS/SYMPTOMS CAN INCLUDE  
HEADACHE, DIZZINESS, DROWSINESS, INCOORDINATION, SLOWED REACTION TIME, SLURRED  
SPEECH, GIDDINESS AND UNCONSCIOUSNESS.

IRRITATION (UPPER RESPIRATORY): SIGNS/SYMPTOMS CAN INCLUDE SORENESS OF THE  
NOSE AND THROAT, COUGHING AND SNEEZING.

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.

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.

INGESTION MAY CAUSE: CENTRAL NERVOUS SYSTEM DEPRESSION: SIGNS/SYMPTOMS CAN  
INCLUDE HEADACHE, DIZZINESS, DROWSINESS, MUSCULAR WEAKNESS, INCOORDINATION,  
SLOWED REACTION TIME, FATIGUE, BLURRED VISION, SLURRED SPEECH, GIDDINESS,  
TREMORS AND CONVULSIONS.

ASPIRATION PNEUMONITIS: SIGNS/SYMPTOMS CAN INCLUDE COUGHING, DIFFICULTY  
BREATHING, WHEEZING, COUGHING UP BLOOD AND PNEUMONIA, WHICH CAN BE FATAL.

SECTION CHANGE DATES: HEADING: SECTION CHANGED SINCE FEBRUARY 14, 1995  
ISSUE

ABBREVIATIONS: N/D - NOT DETERMINED      N/A-NOT APPLICABLE

THE INFORMATION ON THIS DATA SHEET REPRESENTS OUR CURRENT DATA AND BEST  
OPINION AS TO THE PROPER USE AND 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.