

ITEM: 3XH51 - ADHESIVE PLASTIC

307

PICK REQ: 1113712702

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: A2607

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

SAFETY DATA SHEET - A2607

Associated Grainger Item: 3XH51 - ADHESIVE PLASTIC

MATERIAL SAFETY DATA SHEET

3M
3M CENTER
ST. PAUL, MINNESOTA 55144-1000
1-800-364-3577 OR (651) 737-6501 (24 HOURS)

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DIVISION: ENGINEERED ADHESIVES

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

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: MAY 24, 2001

SUPERSEDES: APRIL 16, 2001

DOCUMENT: 10-2966-9

1. INGREDIENT

INGREDIENT	C.A.S. NO.	PERCENT
METHYL ETHYL KETONE	78-93-3	50 - 60
VINYL CHLORIDE-VINYL ACETATE POLYMER	9003-22-9	15 - 25
POLYURETHANE POLYMER	56815-45-3	15 - 25
TALC	14807-96-6	.5 - 1.5
ISOPYR ALCOHOL	67-63-0	<.25
ACETONE	67-64-1	<.12

IN CASE OF EMERGENCY:
THE NUMBERS AT THE TOP OF THIS MSDS PROVIDE 24 HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.

THE COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE CHEMICAL NOTIFICATION REQUIREMENTS OF TSCA.

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: 176.00 F (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

pH: N/D

VISCOSITY: 8500.0 CENTIPOISE

MELTING POINT: N/D

APPEARANCE AND ODOR: CLEAR, KETONE ODOR

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 20.00 F TOC (METHYL ETHYL KETONE)

FLAMMABLE LIMITS - LEL: 1.80% BY VOL

FLAMMABLE LIMITS - UEL: 11.50% BY VOL

AUTOIGNITION TEMPERATURE: N/D

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM

SEE 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.

NEPA 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. 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:

VOLATILE ORGANIC COMPOUNDS:

568 GMS/LITER SOUTH COAST AIR QUALITY MGMT DIST METHOD RULE 443.1, CALCULATED.

VOC LESS H2O &

568 GMS/LITER EXEMPT SOLVENTS:
SOUTH COAST AIR QUALITY MGMT DIST METHOD RULE 443.1, CALCULATED.

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 PERSISTS, GET MEDICAL ATTENTION.

INHALATION:

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

IF SWALLOWED:

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

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 NO 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.

INGREDIENT	VALUE	EXPOSURE LIMITS		ALTH	SKIN*
		UNIT	TYPE		
METHYL ETHYL KETONE	200	PPM	TWA	OSHA	
ME ETHYL KETONE	300	PPM	STEL	OSHA	
MEL 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	
TALC	2	MG/M3 RESPIRABLE	TWA	OSHA	
TALC	2	MG/M3 RESPIRABLE	TWA	ACGIH	
TALC	0.5	MG/M3 AS RESPIRABLE DUST	TWA	CMRG	
ISOPROPYL ALCOHOL	400	PPM	TWA	ACGIH	
ISOPROPYL ALCOHOL	500	PPM	STEL	ACGIH	
ISOPROPYL ALCOHOL	400	PPM	TWA	OSHA	
ISOPROPYL ALCOHOL	500	PPM	STEL	OSHA	
ACETONE	500	PPM	TWA	ACGIH	
ACETONE	750	PPM	STEL	ACGIH	
ACETONE	750	PPM OSHA VACATED PEL	TWA	OSHA	
ACETONE	1000	PPM OSHA VACATED PEL	STEL	OSHA	
ACETONE	1000	PPM	TWA	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.

SC OF EXPOSURE LIMIT DATA:

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

CMRG: CHEMICAL MANUFACTURER RECOMMENDED EXPOSURE GUIDELINES

OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION VACATED PEL.
VACATED PERMISSIBLE EXPOSURE LIMITS (PEL) ARE ENFORCED AS THE OSHA PEL IN SOME STATES. CHECK WITH YOUR LOCAL REGULATORY AUTHORITY.

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:

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:

CE , NERVOUS SYSTEM DEPRESSION:
SL 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 APRIL 16, 2001

ISSUE

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ABBREVIATIONS:

N/D - NOT DETERMINED

N/A - NOT APPLICABLE

CA - APPROXIMATELY

ORDER: 1113712702

ITEM: 3XH51 - ADHESIVE PLASTIC

HAZMAT: 3XH51

HAZARD MATERIAL WARNING SHEET (HAZMAT)

When shipment is complete, retain for daily Hazmat audit

GRAINGER SHIPPING INFORMATION

STOCK # : 3XH51
MSDS # : A2607
FREIGHT CODE : 0812
DOT PROPER SHIP NAME : CONSUMER COMMODITY, ORM-D
FLASHPOINT -7 DGS C, 20 DGS F

UPS RESTRICTIONS : 20 LB. & UNDER REQUIRES 200 LB. BSC/32 ECT,
21 LB. & OVER REQUIRES 275 LB. BSC/44 ECT.

HAZARDOUS CLASS NUMBER :

UN ID # :

PACKING GROUP :

SHIPPING LABEL : ORM-D

:

LIMITED QUANTITY : Y

CARTON INSTRUCTIONS : CAN REPACK IN GRAINGER S CARTON

EXCEPTION :

DOT/UPS EXEMPTION NO. :

COMMENTS 1 : HAZARDOUS MATERIAL. DO NOT SHIP AIR!!

COMMENTS 2 :

SHIPPING-PAPERS : AUTOMATED BILL OF LADING REQUIRED FOR TRUCK SHIPMENTS.

PLACARD OFFERED ? YES () NO () PLEASE MARK ONE

:) TO ACCOMPANY SHIPMENT
