

3M General Offices
3M Center
St. Paul, Minnesota 55144-1000
612/733-1110
Duns No.: 00-617-3082

02-64
2024

MATERIAL SAFETY
DATA SHEET

3M

DIVISION: AUTOMOTIVE TRADES DIVISION
TRADE NAME:
3M brand Flexible Parts Putty P/N 5903
3M I.D. NUMBER: 60-9800-0901-7

ISSUED: MARCH 1, 1991
SUPERSEDES: APRIL 27, 1989
DOCUMENT: 10-2833-1

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE VALUE UNIT	LIMITS TYPE AUTH
ISOPROPYL ALCOHOL	67-63-0	25.0 - 35.0	400 ppm	TWA ACGIH
CALCIUM CARBONATE	1317-65-3	20.0 - 30.0	10 mg/m3	TWA ACGIH
TALC	14807-96-6	20.0 - 30.0	2 mg/m3	TWA ACGIH
POLYURETHANE	N/D	1.0 - 10.0	NONE NONE	NONE NONE
IRON OXIDE (Fe2O3)	1309-37-1	1.0 - 5.0	5 mg/m3 Fe	TWA ACGIH
AMORPHOUS SILICA	7631-86-9	1.0 - 5.0	3 mg/m3	TWA ACGIH
TOLUENE	108-88-3	0.5 - 5.0	100 ppm	TWA ACGIH

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- NONE: None Established

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

TOLUENE

2. PHYSICAL DATA

BOILING POINT:..... 181 F
VAPOR PRESSURE:..... N/A
VAPOR DENSITY: > 1.00 Air = 1
EVAPORATION RATE:..... > 1.00 Ether = 1
SOLUBILITY IN WATER: NIL
SP. GRAVITY:..... 0.000 Water = 1
1.40-1.45
PERCENT VOLATILE: 32 BY WT.
VOLATILE ORGANICS: N/D
pH: N/A
VISCOSITY: 90-150 CPS
APPEARANCE AND ODOR: SMOOTH RED, PASTE, ALCOHOL ODOR

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 50 F SETAFLASH
FLAMMABLE LIMITS - LEL: 1.00 %
FLAMMABLE LIMITS - UEL: 13.00 %
AUTOIGNITION TEMPERATURE: ... N/D
EXTINGUISHING MEDIA:
CARBON DIOXIDE, FOAM OR DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES:
FIGHT AS VOLATILE LIQUID FIRE
UNUSUAL FIRE AND EXPLOSION HAZARDS:
KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME
NFPA-HAZARD-CODES: HEALTH 2 FIRE 2 REACTIVITY 0
UNUSUAL REACTION HAZARD: None

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

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4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS TO AVOID:
NONE

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE, CARBON DIOXIDE, ISOCYANATES AND OXIDES OF NITROGEN
ON COMBUSTION

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

OBSERVE PRECAUTIONS FROM OTHER SECTIONS. EXTINGUISH ALL IGNITION
SOURCES AND VENTILATE AREA. CLEAN-UP SPILL WITH NON-SPARKING TOOLS.
PLACE MATERIAL INTO AN U.S. DOT APPROVED METAL CONTAINER AND SEAL.

RECOMMENDED DISPOSAL:

INCINERATE WASTE/BULK PRODUCT IN A HAZARDOUS WASTE FACILITY. CONSULT
APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL. U.S. EPA
HAZARD WASTE NUMBER: D001 (IGNITABLE).

ENVIRONMENTAL DATA:

N/D

SARA HAZARD CLASS:

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

6. SUGGESTED FIRST AID

EYE CONTACT:

IMMEDIATELY FLUSH EYES WITH PLenty OF WATER. IF IRRITATION PERSISTS,
CALL A PHYSICIAN.

SKIN CONTACT:

FLUSH WITH PLenty OF WATER. IF IRRITATION PERSISTS, CALL A
PHYSICIAN.

INHALATION:

PROVIDE FRESH AIR. IF IRRITATION PERSISTS, CALL A PHYSICIAN.

IF SWALLOWED:

IMMEDIATELY CALL A PHYSICIAN. ONLY INDUCE VOMITING AT THE
INSTRUCTIONS OF A PHYSICIAN.

OTHER FIRST AID:

NONE

7. PRECAUTIONARY INFORMATION

KEEP AWAY FROM HEAT, SPARKS, AND FLAME. PROVIDE VENTILATION ADEQUATE
TO KEEP VAPOR CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS.
AVOID EYE CONTACT AND PROLONGED SKIN CONTACT. AVOID BREATHING VAPORS
AND DUST DURING SANDING OPERATIONS. KEEP CONTAINER CAPPED WHEN NOT

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7. PRECAUTIONARY INFORMATION (continued)

IN USE. KEEP OUT OF REACH OF CHILDREN.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE		LIMITS	
	VALUE	UNIT	TYPE	AUTH
ISOPROPYL ALCOHOL	985	mg/m3	TWA	ACGIH
ISOPROPYL ALCOHOL	500	ppm	STEL	ACGIH
ISOPROPYL ALCOHOL	1230	mg/m3	STEL	ACGIH
ISOPROPYL ALCOHOL	400	ppm	TWA	OSHA
ISOPROPYL ALCOHOL	980	mg/m3	TWA	OSHA
ISOPROPYL ALCOHOL	500	ppm	STEL	OSHA
ISOPROPYL ALCOHOL	1225	mg/m3	STEL	OSHA
CALCIUM CARBONATE	15	mg/m3	TWA	OSHA
TALC	2	mg/m3	TWA	OSHA
IRON OXIDE (Fe2O3)	10	mg/m3	TWA	OSHA
AMORPHOUS SILICA	6	mg/m3	TWA	ACGIH
TOLUENE	377	mg/m3	TWA	ACGIH
TOLUENE	150	ppm	STEL	ACGIH
TOLUENE	565	mg/m3	STEL	ACGIH
TOLUENE	100	ppm	TWA	OSHA
TOLUENE	375	mg/m3	TWA	OSHA
TOLUENE	150	ppm	STEL	OSHA
TOLUENE	560	mg/m3	STEL	OSHA

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration

8. HEALTH HAZARD DATA

EYE CONTACT: MAY CAUSE IRRITATION UPON DIRECT CONTACT.

SKIN CONTACT: MAY CAUSE SKIN IRRITATION.

INHALATION: MAY CAUSE RESPIRATORY SYSTEM IRRITATION AND TEMPORARY NERVOUS SYSTEM IMPAIRMENT. CHRONIC EXPOSURE MAY CAUSE LIVER AND KIDNEY DAMAGE. SYMPTOMS MAY INCLUDE DIZZINESS, NAUSEA, HEADACHE, VOMITING, INCOORDINATION, CONFUSION, DROWSINESS, AND COMA.

INGESTION: ASPIRATION INTO THE LUNGS MAY CAUSE LUNG DAMAGE. MAY CAUSE DIGESTIVE SYSTEM IRRITATION. SYMPTOMS MAY INCLUDE VOMITING, DIARRHEA, DIZZINESS, HEADACHE, INCOORDINATION, DROWSINESS, COMA.

SECTION CHANGE DATES

FIRST AID	SECTION CHANGED SINCE	APRIL 27, 1989 ISSUE
PRECAUT. INFO.	SECTION CHANGED SINCE	APRIL 27, 1989 ISSUE

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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 material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user.