

MATERIAL SAFETY DATA SHEET

-11-

SECTION 1

Product Name:

HERCULES REAL TUFF

DATE PREPARED 07/19/99 DATE ISSUED 10/24/01

ISSUED TO:

REEVES-WIEDEMAN
1053 S E BROADWAY

LEES SUMMIT MO 64081



HERCULES®

**MATERIAL
SAFETY
INFORMATION
SERVICE**

Hercules Chemical Company, Inc.

111 South Street • Passaic, NJ 07055-7398

Information Phone: 800-221-9330

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s)) OSHA PEL ACGIH TLV OTHER LIMITS RECOMMENDED %(OPTIONAL)

This product is not classified as hazardous in accordance with OSHA 1910.1200. For product at ambient conditions no known hazards exist. See sections 4 & 5 below for information about polytetrafluoroethylene (9002-84-0) (Teflon*) at high temperature conditions.

*Dupont trademark

HMIS Hazard Rating: 0 0 0 A

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT

N/A

SPECIFIC GRAVITY (H₂O = 1)

1.56

VAPOR DENSITY (AIR = 1)

N/A

VAPOR PRESSURE (mm Hg.)

N/A

MELTING POINT

N/A

EVAPORATION RATE (Butyl Acetate = 1)

N/A

SOLUBILITY IN WATER Insoluble

APPEARANCE AND COLOR White thixotropic paste. Odor - none

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT

N/A

FLAMMABLE LIMITS

N/A

LEL

N/A

UEL

N/A

EXTINGUISHING

MEDIA

Dry chemical, foam, carbon dioxide

SPECIAL

FIRE

FIGHTING

PROCEDURES

Use water to cool fire exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapors to provide protection for persons attempting to stop the leaks.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Toxic gases given off above 932 deg.F (500 deg.C)

SECTION 5 - REACTIVITY DATA

STABILITY

CONDITIONS TO AVOID

STABLE

decomposes; decomposition becomes self-propagative resulting in the generation of toxic fluorocarbons.

INCOMPATIBILITY

(MATERIALS TO AVOID)

Teflon is incompatible with Sodium Potassium alloy.

HAZARDOUS DECOMPOSITION

OR BYPRODUCTS

CO₂ and CO form on burning

HAZARDOUS

POLYMERIZATION

Will not occur

SECTION 6 - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY

INHALATION?

N/A

SKIN?

YES/PRIMARY

INGESTION?

YES/SECONDARY

HEALTH HAZARDS (ACUTE AND CHRONIC)

NONE

CARCINOGENICITY:

NTP?

NO

IARC MONOGRAPHS?

NO

OSHA REGULATED?

NO

SIGNS AND SYMPTOMS OF EXPOSURE

None: Could be mildly irritating to certain persons on prolonged contact.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None known

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Wash with soap & water. EYES: As with most foreign materials should eye contact occur, flush eyes with plenty of water & get medical attention. INGESTION: Do not induce vomiting, get medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Use absorbent material and sweep up.

WASTE DISPOSAL METHOD

Non Hazardous Landfill

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

None

OTHER PRECAUTIONS

Keep away from direct contact with open flame or sparks.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE)

N/A

VENTILATION

LOCAL EXHAUST

Normal ventilation

SPECIAL

N/A

MECHANICAL (GENERAL)

N/A

OTHER

N/A

PROTECTIVE GLOVES

RUBBER GLOVES

EYE PROTECTION

GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

NONE REQUIRED

WORK/HYGIENIC PRACTICES

Wash up after handling the material.