



MATERIAL SAFETY DATA SHEETS (MSDS) On-Line OSHA-Required Health And Safety Information!

Section 1

MATERIAL SAFETY DATA SHEET # 10

Hercules Tuff Seal®

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Meets OSHA 29 CFR 1910.1200

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical
Identity;

Common Name(s), CAS Numbers)

OSHA PEL ACGIH TLV Other Limits

% Upper Bound
Limits if SARA
Reportable

This product is classified as an "article" in accordance with OSHA 1910.1200. For product at ambient conditions no known hazards exist. See parts 5 & 6 below for information about polytetrafluoroethylene (9002-84-0) (Teflon) at high temperature conditions. *Dupont Trademark*

HMIS Hazard Rating: Health: 0 Flammability: 0 Reactivity: 0 Personal Protection: A

Section 3 - Physical/Chemical Characteristics

Boiling Point (°F):

Specific Gravity
(H₂O=1):Vapor Density
(Air=1):Vapor Pressure
(mm Hg):

N/A

1.5-2.0

N/A

N/A

Melting Point (°F):

Evaporation Rate
(Butyl Acetate=1):

Solubility in Water:

N/A

Not Soluble

Appearance And Color: White, flexible cord

Odor: None

Section 4 - Fire And Explosion Hazard Data

Flash Point:

Flammable Limits:

LEL:

UEL:

N/A (Non-Burning)

N/A

Extinguishing Media: Non burning. Its presence in a fire does not hinder the use of any standard extinguishing medium.

Special Firefighting Procedures:

Avoid inhalation of decomposition products. SCBA recommended.

Unusual Fire And Explosion Hazards:

Teflon gives off toxic fumes above 450°F. Material is incombustible, but if other fuel is present, decomposition products will burn at about 1275°F, producing toxic and corrosive gaseous products.

Section 5 - Reactivity Data

Stability: Stable	Conditions To Avoid: Above 450 °F. resin will slowly thermally degrade into a series of unstable, short-lived fluorocarbons and hydrofluoric acid.
Incompatibility (Materials To Avoid):	Sodium Potassium Alloy
Hazardous Decomposition:	See stability information above.
Hazardous Polymerization:	Will Not Occur

Section 6 - Health Hazard Data

Routes of Entry:	Inhalation? N/A	Skin? N/A	Ingestion? NA
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Health Hazards:
No known hazards at ambient conditions. See "Signs & Symptoms of Exposure"

Carcinogenicity:	NTP? NO	IARC? NO	OSHA Regulated? NO
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Signs And Symptoms of Exposure:
Inhalation of fumes resulting from thermal degradation (over 450 °F) may cause

Medical Conditions Generally Aggravated By Exposure:
N/A

Emergency And First Aid Procedures:
The symptoms of

Section 7 - Precautions For Safe Handling And Use:

Steps To Be Taken In Case Material Is Released Or Spilled:
Sweep up and collect as harmless organic matter.

Waste Disposal Method:
Dispose of as harmless organic waste. Burning not recommended.

Precautions To Be Taken In Handling And Storing:
N/A

Other Precautions:
None

Section 8 - Control Measures:

Respiratory Protection:	None required at ambient conditions/normal use.			
Ventilation:	Local Exhaust:	N/A	Special:	N/A
	Mechanical:	N/A	Other:	N/A
Gloves:	None required			
Eye Protection:	Goggles, if contact with eye is probable.			
Other Protective Clothing:	N/A			
Work/Hygienic Practices:	N/A			

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