

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY : FLEX-TEN 304 and 430
STAINLESS STEEL FIBERS

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name D&C SUPPLY CO.INC.	Emergency Telephone Number 412-221-1191
D&C SUPPLY COMPANY INC.	Telephone Number for Information 412-221-1191
335 WASHINGTON AVENUE	Date Prepared 01/10/2009
BRIDGEVILLE, PA 15017	Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Stainless Steel Fiber is a solid metallic product described as an article under the OSHA code and is generally classified as non hazardous. It conforms to that definition in all respects.				
Common chemistry of Stainless steel fibers: Carbon .08-.12 %				
				Manganese 1.0 -2.0
				Phosphorous .040-.045
				Chrome 18.0 -20.0
				Nickel 8.0 -10.5 (304 only)
				Sulfur .03
				Silicon 1.0
				Balance (Fe) Iron

Section III—Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	7.85
Vapor Pressure (mm Hg)	N/A	Melting Point	2550-2750 F.
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	NONE
Solubility in Water – NONE			
Appearance and Odor Small steel needles/fibers - no odor			

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) NONE	FLAMABLE LIMITS – NONE	LEL NONE	UEL NONE
Extinguishing Media N/A			
Special Fire Fighting Procedures NONE			
Unusual Fire and Explosion Hazards NONE			

(Reproduce locally)

OSHA 174 Sept. 1985

Section V—Reactivity Data

Stability	N/A	Unstable	N/A	Conditions to Avoid
		Stable	N/A	NONE KNOWN

Incompatibility (*Materials to Avoid*) NONE

Hazardous Decomposition or Byproducts NONE

Hazardous Polymerization	May Occur	-----	Conditions to Avoid
	NONE	Will Not Occur	X

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation? NO	SKIN? YES	Ingestion? NO
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Health Hazards (*Acute and Chronic*) NONE OTHER THAN:

COULD PUNCTURE SKIN IF HANDLED IMPROPERLY – USE OF GLOVES/EYE PROT. IS MANDATORY

Carcinogenicity	NONE	NTP? NONE	IARC Monographs?	OSHA Regulated? NO
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Signs and Symptoms of Exposure NONE

Medical Conditions	Generally Aggravated by Exposure	NONE
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Emergency and First Aid Procedures	NONE
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Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

ALLWAYS WEAR GLOVES AND EYE PROTECTION WHEN HANDLING FIBERS – SWEEP UP AND DISPOSE OF NORMALY

Waste Disposal Method – NO SPECIAL METHODS ARE REQUIRED / MAYBE RECYCLED

Precautions to Be Taken in Handling and Storing

ALLWAYS WEAR GLOVES AND EYE PROTECTION WHEN HANDLING BOTH CARTONS OR FIBERS

Other Precautions NONE

Section VII—Control MeasuresRespiratory Protection (*Specify Type*) NONE REQUIRED

Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical (<i>General</i>)	N/A	Other	N/A

Protective Gloves YES

Eye Protection YES

Other Protective Clothing or Equipment LEATHER GLOVES

Work/Hygienic Practices NONE