



WOOSTER PRODUCTS INC.
1000 SPRUCE STREET • P.O. BOX 6005 • WOOSTER, OHIO 44691-6005

THE COMPLETE LINE OF
SAFETY TREADS, THRESHOLDS
& WALKWAY PRODUCTS

PHONE 330 / 264-2844
1-800 / 321-4936
FAX 330 / 262-4151

FLEX-TRED® - Safety Data Sheet

The Flex-Tred ® line of products (Peel-and-Stick Slip Resistant Tape and Tread) you purchase from Wooster Products, Incorporated are considered “Articles”. The definition of “Article” in 29 CFR 1910.1200 Code of Federal Regulations is provided as follows:

“Article” means a manufactured item: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function (s) dependent in whole or in part upon its shape or design during end use; and (iii) which does not release, or otherwise result in exposure to, a hazardous chemical under normal conditions of use.

This product is not regulated and, therefore, an “SDS” is not required by the OSHA Hazard Communication Standard (29 CFR 1910.1200). It should not present a health and safety hazard under normal conditions of use. However, an SDS may be provided as a courtesy in response to a customer request.



SAFETY DATA SHEET

This product is not regulated and it should not present a health and safety hazard when used as recommended or under normal conditions, and an SDS is not required for this product by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 1: PRODUCT NAME AND IDENTIFICATION

MANUFACTURER'S NAME: Wooster Products, Inc.	ISSUE DATE: November, 2019 Supersedes: All earlier SDS
ADDRESS (Street, City, State, and Zip Code): 1000 Spruce St, PO Box 6005, Wooster, OH 44691	CONTACT: R&D/QC
PRODUCT NAME: FLEX-TRED® - Flat Black Fine, Flat Black Coarse MG-Series	Telephone No.: 330-264-2844 CHEMTREC: 1-800-424-9300
PRODUCT USE: PEEL-AND-STICK SLIP-RESISTANT TAPE AND TREAD	

SECTION 2: INGREDIENTS

Ingredient	C.A.S No.	% by Wt.
Aluminum oxide (Al ₂ O ₃)	1344-28-1	70 - 80
Titanium oxide (TiO ₂)	13463-67-7	1 - 3
Iron oxide (Fe ₂ O ₃)	1309-37-1	< 0.1
Polyurethane	Unknown	15 - 25
Carbon Black	1333-86-4	< 0.3
Acrylic copolymer	Trade secret	5 - 10

SECTION 3: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

This product has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. This product is not hazardous under normal conditions of use. However, if the abrasive filler is reduced to a respirable fraction by grinding, cutting, sanding, machining or putting into an airborne powder, the powder is considered a hazardous material.



SECTION 3: HAZARD IDENTIFICATION (cont.)

ROUTE(S) OF EXPOSURE	POTENTIAL HEALTH HAZARDS
Skin Contact	No health effects are expected.
Eye Contact	No health effects are expected.
Inhalation	No health effects are expected.
Ingestion	No health effects are expected.
Aggravated Medical Condition	No health effects are expected.

SECTION 4: FIRST AID MEASURES

Eye Contact	N/A (Not Applicable)
Skin Contact	N/A
Inhalation	N/A
Ingestion	N/A

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES				
Auto ignition Temperature: N/A (Not Applicable)	Flash Point: N/A	Flammable Limits		OSHA Flammability Class : N/A
		LEL: N/A	UEL: N/A	
EXTINGUISHING MEDIA		Water, Carbon Dioxide, Foam and Dry Chemical.		
SPECIAL FIRE FIGHTING PROCEDURES:			None	



SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures	Not Applicable
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SECTION 7: HANDLING AND STORAGE

HANDLING	This product is considered to be an article and requires no special handling.
STORAGE	Store under normal ware house conditions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE CONTACT	Avoid eye contact, safety glasses
SKIN CONTACT	N/A
RESPIRATORY PROTECTION	N/A
SWALLOWING	N/A
VENTILATION	Normal ventilation
OTHER	None

EXPOSURE LIMIT(s)/Guidelines

(Existing data for the individual components which comprise the product)

Components	Time Weighted Average (TWA)		List
	ACGIH/TLV	OSHA/PEL	
Aluminum Oxide	10 mg/m ³	5mg/m ³ , respirable	ACGIH Table A4 OSHA Table Z-1
Carbon Black	3.5 mg/m ³	3.5 mg/m ³	ACGIH Table A4 OSHA Table Z-1
Titanium Oxide	10 mg/m ³ , total dust as Ti	15 mg/m ³ , total dust as Ti	ACGIH Table A4 OSHA Table Z-1
Iron Oxide	5 mg/m ³ , respirable	10 mg/m ³ , as fume	ACGIH Table A4 OSHA Table Z-1



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Non-Skid roll of tape, tread; solid	Color, Grade, Odor: Black, Flat Black Fine, Super Fine Black, Negative 1; minimal odor	Boiling range: N/A (Not Applicable)
Vapor Density: N/A	Vapor Pressure: N/A	Specific Gravity: N/A
pH: N/A	Melting Point: N/A	Solubility in Water: N/A
Evaporation rate: N/A	Percent Volatile Organic Compounds: N/A	Percent Volatile: N/A
VOC less Water & Exempt Solvents: N/A		Viscosity: N/A

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Polymerization	Will not occur
Hazardous Decomposition Products	Under normal use conditions hazardous decomposition products are not expected. Hazardous decomposition may occur during combustion, such as CO, oxides of nitrogen, trace of hydrogen cyanide
Incompatibility (materials to avoid)	N/A
Other	None



SECTION 11: TOXICOLOGICAL INFORMATION

This product has not been evaluated as a whole for health effects. Information provided on the exposure effects of this product is based on existing health data for the individual components which comprise the product.

This product contains the following components which, in their pure form, have the following toxicity data:			
CAS-No.	Chemical Name	Effect	Target Organ
1344-28-1	Aluminum Oxide	Irritant	Eyes, Respiratory system, Ingestion
1333-86-4	Carbon black	Systemic effects	Eyes, Respiratory system
13463-67-7	Titanium Oxide	Systemic effects	Respiratory system

LC50/LD50

This product contains the following components which in their pure form have the following toxicity data:

CAS-No.	Chemical Name	Route	Value	Species
1333-86-4	Carbon black	Oral LD50 Dermal LD50	>15,400 mg/kg >3 gm/kg	Rat Rabbit

Carcinogenicity:

This product contains the following components which in their pure form have the following Carcinogenicity data:

CAS-No.	Chemical Name	OSHA	IARC	NTP
1333-86-4	Carbon black	No	2B	No

IARC Carcinogenicity Classification:

- 1= Component is carcinogenic to humans
- 2A= Component is probably carcinogenic to humans
- 2B= Component is possibly carcinogenic to humans



SECTION 12: ECOLOGICAL INFORMATION

Not Applicable

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Waste must be disposed of in accordance with Federal, State and Local Environmental Control Regulations. Bury in legal landfill or follow controlled incineration.

SECTION 14: TRANSPORT INFORMATION

DOT regulations: NOT REGULATED (non-hazardous via all transport modes)

SECTION 15: REGULATORY INFORMATION

TSCA STATUS: This product is an article as defined by TSCA regulations, and is exempt from TSCA inventory listing requirements.

SARA TITLE III:

Section 302 Extremely Hazardous Substance: None

Section 311/312 Hazardous Categories: None

Section 313 Toxic Chemicals: None

CALIFORNIA PREPOSITION 65: This product contains chemicals known to the State of California to cause cancer - Carbon Black.

SECTION 16: OTHER INFORMATION

HMIS Hazard Classification

Health 0 Flammability: 0 Reactivity: 0 Special Hazards: None

NFPA Hazard Classification

Health 0 Flammability: 0 Reactivity: 0 Special Hazards: None



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SAFETY DATA SHEET

This product is not regulated and it should not present a health and safety hazard when used as recommended or under normal conditions, and an SDS is not required for this product by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 1: PRODUCT NAME AND IDENTIFICATION

MANUFACTURER'S NAME: Wooster Products, Inc.	ISSUE DATE: November, 2019
ADDRESS (Street, City, State, and Zip Code): 1000 Spruce St, PO Box 6005, Wooster, OH 44691	CONTACT: R&D/QC
PRODUCT NAME: FLEX-TRED® - NiteGlow	Telephone No.: 330-264-2844
PRODUCT USE: PEEL-AND-STICK SLIP-RESISTANT TAPE AND TREAD	

SECTION 2: INGREDIENTS

Ingredient	C.A.S No.	% by Wt.
Aluminum oxide (Al ₂ O ₃)	1344-28-1	70 - 90
Polyurethane	Unknown	10 - 25
Phosphorescent Pigment	Aluminates	< 5
Acrylic copolymer	Trade secret	5 - 10

SECTION 3: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

This product has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. This product is not hazardous under normal conditions of use. However, if the abrasive filler is reduced to a respirable fraction by grinding, cutting, sanding, machining or putting into an airborne powder, the powder is considered a hazardous material.



SECTION 3: HAZARD IDENTIFICATION (Cont.)

ROUTE(S) OF EXPOSURE	POTENTIAL HEALTH HAZARDS
Skin Contact	No health effects are expected.
Eye Contact	No health effects are expected.
Inhalation	No health effects are expected.
Ingestion	No health effects are expected.
Aggravated Medical Condition	No health effects are expected.

SECTION 4: FIRST AID MEASURES

Eye Contact	N/A (Not Applicable)
Skin Contact	N/A
Inhalation	N/A
Ingestion	N/A

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES				
Auto ignition Temperature: N/A	Flash Point: N/A	Flammable Limits		OSHA Flammability Class : N/A
		LEL: N/A	UEL: N/A	
EXTINGUISHING MEDIA		Water, Carbon Dioxide, Foam and Dry Chemical.		
SPECIAL FIRE FIGHTING PROCEDURES:			None	

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures	N/A
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SECTION 7: HANDLING AND STORAGE

HANDLING	This product is considered to be an article and requires no special handling.
STORAGE	Store under normal conditions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE CONTACT	Avoid eye contact, safety glasses
SKIN CONTACT	N/A (Not Applicable)
RESPIRATORY PROTECTION	N/A
SWALLOWING	N/A
VENTILATION	Normal ventilation
OTHER	None

EXPOSURE LIMIT(s)/Guidelines

(Existing data for the individual components which comprise the product)

Components	Time Weighted Average (TWA)	
	ACGIH/TLV	OSHA/PEL
Aluminum oxide	10 mg/m ³	5mg/m ³ , respirable
Proprietary Aluminates (NiteGlow Pigment)	15 mg/m ³	5 mg/m ³ , respirable



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Non-Skid roll of tape, tread ; solid	Color, Grade, Odor: Pale green, NiteGlow, minimal odor	Boiling range: N/A
Vapor Density: N/A	Vapor Pressure: N/A	Specific Gravity: N/A
Percent Volatile: N/A	Melting Point: N/A	Solubility in Water: N/A
Evaporation rate: N/A	Percent Volatile Organic Compounds: N/A	pH: N/A
VOC less Water & Exempt Solvents: N/A		Viscosity: N/A

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Polymerization	Will not occur
Hazardous Decomposition Products	Under normal use conditions hazardous decomposition products are not expected. Hazardous decomposition may occur during combustion, such as CO, oxides of nitrogen, trace of hydrogen cyanide
Incompatibility (materials to avoid)	N/A
Other	None

SECTION 11: TOXICOLOGICAL INFORMATION

This product has not been evaluated as a whole for health effects. Information provided on the exposure effects of this product is based on existing health data for the individual components which comprise the product.

This product contains the following components which, in their pure form, have the following toxicity data:			
CAS-No.	Chemical Name	Effect	Target Organ
1344-28-1	Aluminum oxide	Irritant	Eyes, Respiratory system, Ingestion



This product contains no components which in their pure form have been listed as carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

Not Applicable

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Waste must be disposed of in accordance with Federal, State and Local Environmental Control Regulations. Bury in legal landfill or controlled incineration.

SECTION 14: TRANSPORT INFORMATION

DOT regulations: NOT REGULATED (non-hazardous via all transport modes)

SECTION 15: REGULATORY INFORMATION

TSCA STATUS: This product is an article as defined by TSCA regulations, and is exempt from TSCA inventory listing requirements.

SARA TITLE III: Section 302 Extremely Hazardous Substance: None
Section 311/312 Hazardous Categories: None
Section 313 Toxic Chemicals: None

CALIFORNIA PREPOSITION 65: This product does not contain chemicals known to the State of California to cause cancer.

SECTION 16: OTHER INFORMATION

HMIS Hazard Classification

Health 0 Flammability: 0 Reactivity: 0 Special Hazards: None

NFPA Hazard Classification

Health 0 Flammability: 0 Reactivity: 0 Special Hazards: None

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