

SAFETY DATA SHEET

acc. to OSHA HCS

Printing Date 04//02/2018

Revision Date 04/02/2018

1 Identification

• **Product Identifier**

• **Trade Name: Safe Stride Oil Base** Abrasive Anti-Slip Paint (for all colors)

• **Article number:** 3006

• **Relevant identified uses of the substance or mixture:** Non-skid floor coating

Description: Safe Stride Oil Base coatings in various colors have been formulated for use on concrete, wood and metal surfaces

• **Details of the supplier of the safety data sheet**

• **Manufacturer/Supplier:**

Wooster Products, Inc.
1000 Spruce Street
Wooster, OH 44691
Phone Number: 1-800-321-4936/330-264-2844

• **Information department :** sales@wooster-products.com

• **Contact for the safety data sheet:** Guliz Elliott

• **Emergency telephone number:** Chem-Trec: 1-800-424-9300

2. Hazards identification

Physical hazards	Flammable liquids	Category 3
Health hazards	Acute toxicity, dermal	Category 5
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	

Label elements



GHS02



GHS07



GHS08

Signal word: Warning

Hazard statement: Flammable liquid and vapor. May be harmful in contact with skin.

Precautionary statements:

Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/eye protection/face protection.

Response: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

In case of fire: Use appropriate media to extinguish.

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC): None known.

Supplemental information: Not applicable.

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3 Composition/information on ingredients

• **Chemical characterization:** Mixtures**Description:** Mixture

Ingredient	CAS Number	% by weight
Xylol	1330-20-7	16.4
Butyl acetate	123-86-4	3
Nepheline Syenite	37244-96-5	15-35
Fused Aluminum Oxide	1344-28-1	5-10
1,2,4 Trimethylbenzene	95-63-6	1- <3
Methyl propyl ketone	107-89-9	1- <3
Aromatic hydrocarbon solvents	64742-94-5	1- <2
Carbon Black	1333-86-4	0.1-1

There are no additional ingredients present which, within the current knowledge of the suppliers and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4 First-aid measures

Inhalation:

Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact:

Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

Ingestion:

Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms/effects, acute and delayed:

Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed:

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Symptoms may be delayed.

General information:

Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

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5 Fire-fighting measures

Suitable extinguishing media:Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).**Unsuitable extinguishing media:**

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical:

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions:

In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk.

Specific methods:

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General fire hazards:

Flammable liquid and vapor.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up:

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills:

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills:

Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions:

Avoid discharge into drains, water courses or onto the ground.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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7 Handling and storage

Precautions for safe handling: Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not smoke. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Wash contaminated clothing before reuse.

Conditions for safe storage including any incompatibilities: Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Keep in an area equipped with sprinklers.

8 Exposure controls/personal protection

Occupational Exposure Limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Carbon Black (CAS 1333-86-4)	PEL	3.5 mg/m ³

S. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
Crystalline SiO ₂ (Quartz)(CAS 14808-60-7)	TWA	0.3 mg/m ³	Total dust
		0.1 mg/m ³	Respirable
		2.4 mppcf	Respirable

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
1,2,4-trimethylbenzene (CAS 95-63-6)	TWA	25 ppm	
1-methoxy-2-propanol (CAS 107-98-2)	STEL	100 ppm	
	TWA	50 ppm	
Carbon Black (CAS 1333-86-4)	TWA	3 mg/m ³	Inhalable fraction
Crystalline SiO ₂ (Quartz)(CAS 14808-60-7)	TWA	0.025 mg/m ³	Respirable fraction

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
1,2,4-trimethylbenzene (CAS 95-63-6)	TWA	125 ppm	
1-methoxy-2-propanol (CAS 107-98-2)	STEL	25 ppm	
		540 mg/m ³	
		150 ppm	
		360 mg/m ³	
Carbon Black (CAS 1333-86-4)	TWA	0.1 mg/m ³	
		100 ppm	
Crystalline SiO ₂ (Quartz)(CAS 14808-60-7)	TWA	0.05 mg/m ³	Respirable dust

Biological limit values: No biological exposure limits noted for the ingredient(s).

Exposure guidelines:

US-California OELs: Skin designation

1-methoxy-2-propanol (CAS 107-98-2): Can be absorbed through the skin.

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Appropriate engineering control: Explosion-proof general and local exhaust ventilation

Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear eye/face protection. Wear safety glasses with side shields (or goggles).

Hand protection: Wear protective gloves.

Skin protection:

Other: Wear appropriate chemical resistant clothing.

Respiratory protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations: When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9 Physical and chemical properties

• **Appearance**

Form:

Liquid

Color:

Various, product specific

• **Odor:**

Pungent

• **Odor threshold:**

Not available

• **pH-value:**

Not available

• **Melting point/freezing point:**

Not available

• **Boiling point:**

>115.56 C (>240 F)

• **Flash point:**

28.3 C (83 °F)

• **Evaporation rate:**

Not available

• **Flammability (solid, gas) limits:**

Not available

• **Lower and upper flammability limits:**

Not available

• **Lower and upper explosive limits:**

Not available

• **Vapor pressure:**

8 mm Hg

• **Vapor density:**

Not available

• **Viscosity:**

Not available

• **Solubility:**

Not available

• **Partition coefficient (n-octanol/water):**

Not available

• **Auto ignition temperature:**

479 C (894.2 F) Estimated

• **Decomposition temperature :**

Not available

• **Density :**

12.29 lbs/gal

• **Specific gravity :**

1.48

• **VOC (weight %) :**

335 g/l

• **Flammability class :**

Combustible II (estimated)

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10 Stability and reactivity

. Reactivity:

Product is stable and non-reactive under normal conditions of use, storage and handling.

. Chemical stability:

Product is stable under normal conditions.

. Possibility of hazardous reactions:

Hazardous polymerization does not occur.

. Conditions to avoid:

Avoid heat, sparks, open flames and other ignitions sources. Avoid temperatures exceeding the flash point. Avoid contact with incompatible materials

. Incompatible materials:

Strong oxidizing agents.

. Hazardous decomposition products:

No hazardous decomposition products are known..

11 Toxicological information

. Information on likely routes of exposure

. Ingestion: Expected to be a low ingestion hazard.

. Inhalation: Prolonged inhalation may be harmful.

. Skin contact: May be harmful in contact with skin.

. Eye contact: Direct contact with eyes may cause temporary irritation.

. Symptoms related to the physical, chemical and toxicological characteristics: Direct contact with eyes may cause temporary irritation

. Information on toxicological effects

. Acute toxicity: May be harmful in contact with skin. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

. Skin corrosion/irritation: Prolonged skin contact may cause temporary irritation.

. Serious eye damage/eye irritation: Direct contact with eyes may cause temporary irritation.

. Respiratory or skin sensitization

. Respiratory sensitization: Not available.

. Skin sensitization: This product is not expected to cause skin sensitization.

. Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

. Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

Carbon Black (CAS 1333-86-4)

2B Possibly carcinogenic to humans.

Crystalline SiO₂ (Quartz) (CAS 14808-60-7)

1 Carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens

Crystalline SiO₂ (Quartz) (CAS 14808-60-7)

Known To Be Human Carcinogen.

. Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

. Specific target organ toxicity - single exposure: Not classified

. Specific target organ toxicity - repeated exposure: Not classified

. Aspiration hazard: Not available.

. Chronic effects: Prolonged inhalation may be harmful.

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12 Ecological Information

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability: No data is available on the degradability of this product.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13 Disposal considerations

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14 Transport information

	DOT Classification	IATA	IMDG
UN Number	UN1263	UN1263	UN1263
UN proper shipping name	Paint	Paint	Paint
Transport hazard classes			
Class	3	3	3
Subsidiary Risk	-	-	-
Packing group	III	III	III
Special Precautions for user	Read safety instructions, SDS and emergency procedures before handling	Read safety instructions, SDS and emergency procedures before handling	Read safety instructions, SDS and emergency procedures before handling

5 liters or less - Limited Quantities: Packing Group III and Class 3 flammable liquids are exempted from labeling requirements unless transported by aircraft or vessel.

Marine pollutant: No.

DOT



IATA; IMDG



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. Special precautions for user: Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transportation (sea, air, etc.) does not indicate that the product is packaged suitably for that mode of transportation. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and all actions in case of emergency situations.

. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: This product is not intended to be transported in bulk.

15 Regulatory information

US federal regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

1-Chloro-4-(trimethyl)benzene (CAS 98-56-6) 1.0 % One-Time Export Notification only.

CERCLA Hazardous Substance List (40 CFR 302.4)

1-methoxy-2-propanol (CAS 107-98-2) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

1,2,4-trimethylbenzene (CAS 95-63-6) 1 %

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

1,2,4-trimethylbenzene (CAS 95-63-6) Listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories

Immediate Hazard - No
 Delayed Hazard - No
 Fire Hazard - Yes
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous Chemical

No

SARA 313 (TRI reporting)

Chemical name	CAS number	Weight %
1,2,4-trimethylbenzene	95-63-6	1 - < 3
Aluminum oxide	1344-28-1	0.1 - 1
Benzene	71-43-2	0 - 0.1
Ethylbenzene	100-41-4	0 - 0.1

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

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US state regulations**US. Massachusetts RTK - Substance List**

1,2,4-trimethylbenzene (CAS 95-63-6)
 1-methoxy-2-propanol (CAS 107-98-2)
 Carbon Black (CAS 1333-86-4)
 Crystalline SiO₂ (Quartz) (CAS 14808-60-7)

US. New Jersey Worker and Community Right-to-Know Act

1,2,4-trimethylbenzene (CAS 95-63-6)
 1-Chloro-4-(trimethyl)benzene (CAS 98-56-6)
 1-methoxy-2-propanol (CAS 107-98-2) Carbon Black (CAS 1333-86-4)
 Crystalline SiO₂ (Quartz) (CAS 14808-60-7)

US. Pennsylvania Worker and Community Right-to-Know Law

1,2,4-trimethylbenzene (CAS 95-63-6)
 1-methoxy-2-propanol (CAS 107-98-2) Carbon Black (CAS 1333-86-4)
 Crystalline SiO₂ (Quartz) (CAS 14808-60-7)

US. Rhode Island RTK

1,2,4-trimethylbenzene (CAS 95-63-6)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT:**Listed date/Carcinogenic substance**

Attapulgite (CAS 12174-11-7)	Listed: December 28, 1999
Benzene (CAS 71-43-2)	Listed: February 27, 1987
Carbon Black (CAS 1333-86-4)	Listed: February 21, 2003
Crystalline SiO ₂ (Quartz) (CAS 14808-60-7)	Listed: October 1, 1988
Cumene (CAS 98-82-8)	Listed: April 6, 2010
Ethyl Benzene (CAS 100-41-4)	Listed: June 11, 2004
Titanium Dioxide (CAS 13463-67-7)	Listed: September 2, 2011

US - California Proposition 65 - CRT:**Listed date/Developmental toxin**

Benzene (CAS 71-43-2)	Listed: December 26, 1997
Chloromethane (CAS 74-87-3)	Listed: March 10, 2000
Toluene (CAS 108-88-3)	Listed: January 1, 1991

US - California Proposition 65 - CRT:**Listed date/Female reproductive toxin**

Toluene (CAS 108-88-3)	Listed: August 7, 2009
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US - California Proposition 65 - CRT:**Listed date/Male reproductive toxin**

Benzene (CAS 71-43-2)	Listed: December 26, 1997
Chloromethane (CAS 74-87-3)	Listed: August 7, 2009

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing Country(s).

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16 Other information

. Hazardous Materials Information System (HMIS):

Health	2
Flammability	3
Physical Hazards	1

. NFPA Ratng:

Health	2
Flammability	1
Instability	1

Caution: HMIS® ratings are based on a 0-4 scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). The customer is responsible for determining the PPE code for this material.

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