



*Spartan High Friction
High Speed Buffing Wax*

Spartan Chemical Company, Inc.
Material Safety Data Sheet

▼ **SECTION I: PRODUCT INFORMATION**

Product Name or Number (as it appears on label):

HEAVY DUTY WAX 16%

Product Number: 4916

Spartan Chemical Company, Inc.

1110 Spartan Drive

Maumee OH 43537

Product Division:

Janitorial

Product/Technical
Information: **1-(800)-537-8990**

Medical Emergency: **1-(888)-314-6171 (24 hours)**

Chemical Leak/Spill
Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Buffing, polishing compounds, liquid, n.o.s.	
NFPA Ratings:	
Health:	1- Slight
Fire:	0 - Minimal
Reactivity:	0 - Minimal
HMIS Ratings:	
Health:	1- Slight
Fire:	0 - Minimal
Reactivity:	0 - Minimal
Pers. Prot. Equip.:	See Section VIII

▼ **SECTION II: HAZARDOUS INGREDIENTS**

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	% W	CAS Registry No.	Table Z- 1 - A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Oxidized polyethylene	1-5	68441-17-8	Not Established	Not Established	Not Established	No
Microcrystalline wax	1-5	64742-42-3	Not Established	Not Established	Not Established	No
Glycol montanate	1-5	73138-45-1	Not Established	Not Established	Not Established	No
Modified rosin ester	1-5	68152-55-6	Not Established	Not Established	Not Established	No

▼ **SECTION III: PHYSICAL DATA**

Boiling Point:	212 °F	Vapor Pressure:	Unknown
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Complete
pH:	9.0-9.5	Specific Gravity (H ₂ O=1):	0.990
Evaporation Rate (but. ace.=1):	<1	Percent Solid by Weight:	15-20
Physical State:	Liquid		
Appearance & Odor:	Opaque tan liquid, ammonia odor		

▼ **SECTION IV: FIRE & EXPLOSIVE HAZARD DATA**

Flash Point:	> 212°F	Method Used:	ASTM-D56
Flammable Limits:	Not Established	Flame Extension:	N/A
Extinguishing Media:	Product does not support combustion. Use extinguishing media appropriate for surrounding fire.		
Special Fire Fighting Procedures:	Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.		
Unusual Fire & Explosive Hazards:	Dried Product can burn. Combustion products are toxic.		

▼ **SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact
Effects of Overexposure-Conditions to Avoid:	Causes mild eye irritation: Symptoms may include pain, redness, swelling and tearing. May cause skin irritation: Symptoms may include redness, pain and swelling. Harmful if swallowed: Symptoms may include nausea, vomiting, pain and diarrhea. Inhalation of vapors may cause respiratory irritation, headache and nausea. Avoid contact with eyes and skin. Do not taste or swallow. Wash thoroughly after handling.		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting eye; skin and respiratory disorders such as asthma and dermatitis.		

Emergency & First Aid Procedures:

Eyes:	Flush eyes with plenty of water for at least 15 minutes; remove contact lenses. Get medical attention.
Skin:	Remove contaminated clothing. Flush skin thoroughly with plenty of water. Get medical attention if irritation persists. Wash contaminated clothing before reuse.
Ingestion:	Do not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person.
Inhalation:	Move person to fresh air. Get medical attention if irritation persists.

▼ **SECTION VI: REACTIVITY DATA**

Stability:	Stable	Incompatible Materials:	None known
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide	Hazardous Polymerization:	Will Not Occur

▼ **SECTION VII: SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled:	Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (If permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for disposal. Keep spill out of storm sewers and waterways.
Waste Disposal Method:	Dispose of in compliance with all federal, state and local laws and regulations.

▼ **SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection:	Not normally required when good general ventilation is provided. However, if respiratory irritation occurs, a NIOSH approved respirator suitable for the use-conditions and chemicals listed in Section II should be considered.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Not required for normal use. Rubber or other impervious gloves are recommended for prolonged or frequent contact.
Eye Protection(Specify Type):	Not required for normal use.
Other Protective Equipment:	See 29 CFR 1910.132-138 for further guidance.

▼ **SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Protect from freezing.
Other Precautions:	Keep out of reach of children

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HEAVY DUTY WAX 16%

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Effective Date: 05/03/2006

Title: Manager, Regulatory Affairs
Supersedes: 09/23/1999

Ref: 29 CFR 1910.1200 (OSHA) Changes: General update

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