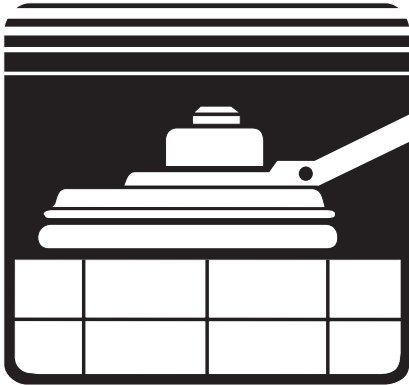


TUFF JOB

Heavy Duty Floor Wax 14%



Product Description

Long a favorite of maintenance personnel, this product has superior resistance to powdering, black heel marks, and scratches. Even after weeks of wear, the floor can be restored to its original beauty by dry buffing.

Directions For Use

PREPARATION: If stripping is necessary, use an ammoniated or amine type stripper diluted according to directions. Apply a generous solution to the floor with a mop or sprayer and allow to stand for several minutes. Scrub thoroughly with a stripping pad and pickup with a wet vacuum or mop.

Rinse thoroughly with clean water and allow to dry.

FINISHING: Spread a liberal coat of floor wax evenly on floor with a clean mop or applicator. Allow first coat to dry at least 30 minutes before applying next coat. Two or three coats are desired initially depending on the condition of the floor and the gloss desired.

MAINTENANCE: Use a treated dust mop for the removal of surface dirt and grit. Mop or scrub with an all-purpose cleaner to remove soil. After weeks of wear the floor wax may be buffed to restore floor to its original beauty.

For Use On

Vinyl	Rubber	Terrazzo
Vinyl Asbestos	Concrete	Sealed Wood
Asphalt	Flagstone	Quarry Tile
Linoleum	Brick	

Authorizations

Requires no authorization for use in U.S.D.A. offices and non-processing areas.

Technical Data

TEST:

Type:	Wax/acrylic blend
Non-volatile Solids:	14.5 ± .5%
Color:	Milky white
Odor:	Mild
pH:	8.5 - 9.0
Dry/Recoat Time:	30 minutes min.
Slip Resistance:	.60 - .65 (ASTM-D2047-82)
Gloss:	85+ specular
Leveling:	Excellent
Buffability:	Excellent
Removability:	With conventional strippers

LIMIT:

TEST:

Detergent Resistance:	Very good
Waterspot Resistance:	Good
Heel Mark Resistance:	Very good
VOC Content:	0.24 lbs./gal.
Storage/Stability:	2 years
Freeze/Thaw Stability:	Keep from freezing
Weight Per Gallon:	8.60 lbs. per gallon
Coverage:	2000 - 2500 sq. ft. per gal.
Proper Shipping Name:	Liquid floor wax

LIMIT:

H. & M. Wagner & Sons

GLEN BURNIE, MD 21061

TO REORDER PHONE: (410) 766-1150

TOLL FREE WATTS: 800-492-4571 FAX: (410) 768-5822

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Tuff Job Generic Name: Floor Wax 14% Chemical Family: Wax Blend Formula: Proprietary	Supplier's Name: H. & M. Wagner & Sons Supplier's Address: Glen Burnie, MD 21061 Supplier's Phone #: (410) 768-5822
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SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Wax Emulsion	N/A	20 to 25			
Acrylic Copolymer Dispersion	63744-68-3	20 to 25			
Resin Solution	65405-63-2	5 to 10			
Tributoxy Ethyl Phosphate	78-51-3	0 to 5			
Diethylene Glycol Monomethyl Ether	111-77-3	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.
Vapor Pressure: 20mm Hg @ 68 F.
% Volatile: 85+
Solubility in Water: Complete
Physical Description: Thin milky liquid with characteristic odor.

Specific Gravity: 1.03
Vapor Density (Air=1): >1
pH: 8.5-9.0
Evaporation Rate (Water=1): <1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A
Upper Explosion Limit: N/A
Extinguishing Media: N/A
Special Firefighting Procedures: Non Flammable
Unusual Fire and Explosion Hazards: N/A

Lower Explosion Limit: N/A

SECTION 5-REACTIVITY DATA

Stability: Stable
Hazards Decomposition Products: Will not occur.

Hazardous Polymerization: None
Incompatibility (Materials to Avoid): None

SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when applying to floor. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Prolonged or repeated contact may cause dermatitis.
Eyes: Eye irritant. May cause redness or swelling.
Inhalation: Vapors may cause headache, dizziness, and nausea.
Ingestion: May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected with large doses.

First Aid Procedures:
Skin: Flush with water. Seek medical attention if irritation persists.
Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention.
Inhalation: Remove victim to fresh air.
Ingestion: Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well-ventilated area.
Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
Protective Gloves: Chemical resistant rubber or neoprene.
Eye Protection: Safety glasses or chemical splash goggles
Other Protective Equipment: Protective footwear (rubber boots) should be worn when using product on floors.

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not disposal of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories:
 No - Fire Hazard
 No - Sudden Release of Pressure Hazard
 No - Reactivity Hazard
 Yes - Immediate (acute) Health Hazard
 No - Delayed (chronic) Health Hazard

Shipping Information:
 FOR CONTAINERS > 1 Gallon : Liquid Floor Wax
 FOR 1 GALLON CONTAINERS : Liquid Floor Wax
 FOR CONTAINERS < 1 GALLON : Liquid Floor Wax

HMS Hazardous Materials Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)
 This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product