

CY 2180

MATERIAL SAFETY DATA SHEET

Johnson wax
PROFESSIONAL**JON-WOOD 350 Polyurethane Wood Floor Finish**

HMIS		NFPA	Personal protective equipment
Health	2	2	None Required
Fire Hazard	2	2	
Reactivity	0	0	

Version Number: 1

Preparation date: 2005-04-21

1. PRODUCT AND COMPANY IDENTIFICATION**Product name:** JON-WOOD 350 Polyurethane Wood Floor Finish**MSDS #:** F-02448001**Product code:** 3681796**Recommended use:** Wood Floor Care .**Manufacturer, importer, supplier:**

US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-0902
Phone: 1-888-352-2249
MSDS Internet Address:
www.johnsondiversey.com

Canadian Headquarters
JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-663-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

DANGER. HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE LIQUID AND VAPOR. MAY CAUSE EYE AND SKIN IRRITATION.

Principle routes of exposure:

Eyes. Skin. Inhalation. Ingestion.

Skin contact:

Moderately irritating to the skin.

Eye contact:

Moderately irritating to the eyes.

Inhalation:

May be irritating to nose, throat, and respiratory tract. Inhalation may cause central nervous system effects . Use only in well-ventilated areas .

Ingestion:

Harmful if swallowed . Aspiration into the lungs may cause chemical pneumonitis. Ingestion may cause gastrointestinal irritation .

3. COMPOSITION/INFORMATION ON INGREDIENTS**HAZARDOUS COMPONENTS**

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
1,3,5-trimethylbenzene	108-67-8	0.1 - 1.5%	5000 mg/kg (rat)	Not available	24000 mg/m ³ (rat)
Xylene	1330-20-7	0.1 - 1.5%	4300 mg/kg (rat)	1700 mg/kg (rabbit)	5000 ppm (rat)
Isoparaffinic hydrocarbon solvent	25551-13-7	1 - 5%	8970 mg/kg (rat)	Not available	Not available
Linseed oil	8001-26-1	5 - 10%	Not available	Not available	Not available
Mineral spirits	8052-41-3	5 - 10%	Not available	Not available	Not available

4. FIRST AID MEASURES**Eye contact:**

Flush immediately with plenty of water. If irritation persists, get medical attention.

Skin contact:

Flush immediately with plenty of water. If irritation persists, get medical attention.

Inhalation:

If breathing is affected, remove to fresh air. Get medical attention.

Ingestion:

Do not induce vomiting. Get medical attention immediately.

Aggravated Medical Conditions:

Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media:**Use dry chemical, CO₂, water spray or "alcohol" foam.

Specific hazards: Rags, steel wool, or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after each use, place rags, steel wool, or waste in a sealed, water-filled, metal container.

Unusual hazards: None known

Specific methods: No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Put on appropriate personal protective equipment (see Section 8.).

Environmental precautions and clean-up methods: Prevent product from entering drains. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. COMBUSTIBLE LIQUID AND VAPOR. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Store in a cool, dry, well ventilated area away from heat or open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: Open all windows and door. Use only with a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye watering - STOP - ventilation is inadequate. Leave area immediately.

Personal Protective Equipment

Eye protection: No special requirements under normal use conditions

Hand protection: No special requirements under normal use conditions

Skin and body protection: No special requirements under normal use conditions

Respiratory protection: No special requirements under normal use conditions

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient	CAS #	ACGIH	OSHA	Mexico
1,3,5-trimethylbenzene	108-67-8	25 ppm (TWA)		125 mg/m ³ (TWA) 170 mg/m ³ (STEL)
Xylene	1330-20-7	150 ppm (STEL) 100 ppm (TWA)	435 mg/m ³ 100 ppm	435 mg/m ³ (TWA) 655 mg/m ³ (STEL)
Isoparaffinic hydrocarbon solvent	25551-13-7	25 ppm (TWA)		125 mg/m ³ (TWA) 170 mg/m ³ (STEL)
Mineral spirits	8052-41-3	100 ppm (TWA)	2900 mg/m ³ 500 ppm	523 mg/m ³ (TWA) 1050 mg/m ³ (STEL)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Appearance: Liquid
Color: Light Amber	Boiling point/range: Not determined
Odor: Hydrocarbon-like	Melting point/range: Not determined
Specific gravity: 0.91	pH: No information available
Dilution pH: No information available	Density: 7.55
Bulk density: No information available	Decomposition temperature: Not determined
Vapor density: No information available	Autoignition temperature: No information available
Evaporation rate: No information available	Solubility: Insoluble
Solubility in other solvents: No information available	VOC: <= 350 g/L
Viscosity: No information available	Flash point: 110 (°F) 43 (°C)
Partition coefficient (n-octanol/water): No information available	

10. STABILITY AND REACTIVITY

Stability: The product is stable

Polymerization: Hazardous polymerisation does not occur

Hazardous decomposition products: None reasonably foreseeable

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Component Information: Oral, LD50 estimated to be greater than 5000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg.
 See Section 3

Chronic toxicity: Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation of susceptible persons.

Specific effects
Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: no data available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
 Dispose of according to all federal, state and local applicable regulations.

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: Europe (EINECS/ELINCS/NLP).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Isoparaffinic hydrocarbon solvent	25551-13-7	Listed	Listed	Listed	Listed	Listed	-
Linseed oil	8001-26-1	-	-	-	-	-	-
Mineral spirits	8052-41-3	Listed	Listed	Listed	Listed	Listed	-
Polyurethane NJTSRN80100051-13	TS*	-	-	-	-	-	-
Driers NJTSRN80100051-14	TS*	-	-	-	-	-	-

CERCLA / SARA

SARA 311/312 Hazard Categories

Immediate: Y
Delayed: N
Fire: Y
Reactivity: N
Sudden Release of Pressure: N

Canada

WHMIS hazard class: Not for sale in Canada.

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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