

5142201
CY2201

MATERIAL SAFETY DATA SHEET



Wood Care: Polyurethane 450 Finish

HMIS		NFPA	Personal protective equipment None / Aucune / Ninguno
Health	2	2	
Fire Hazard	2	2	
Reactivity	0	0	

Version Number: 1

Preparation date: 2009-01-24

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Wood Care: Polyurethane 450 Finish

MSDS #: MS0300319

Product Code: 5142201

Recommended use: Industrial/Institutional Floor care.

Manufacturer, importer, supplier:
 US Headquarters: JohnsonDiversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-1964
 Phone: 1-888-352-2249
 MSDS Internet Address: www.johnsondiverseycan.com

Canadian Headquarters: JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION: CAUSES EYE AND SKIN IRRITATION. COMBUSTIBLE LIQUID AND VAPOR.

Principle routes of exposure: Eye contact. Skin contact. Inhalation.

Eye contact: Moderately irritating to the eyes.

Skin contact: Moderately irritating to the skin.

Inhalation: May cause central nervous system effects, including headache, and dizziness.

Ingestion: May cause irritation to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Aliphatic hydrocarbons	64742-47-8	50 - 60%	15000	>2000 mg/kg	>5.2 mg/L (4 h)

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.

Ingestion: If swallowed, give a cupful of water or milk.

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: Keep product and empty container away from heat and sources of ignition.

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: Use personal protective equipment. Remove all sources of ignition. Ventilate the area.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions and clean-up methods:

Keep out of water supplies and sewers. Prevent product from entering drains. Soak up with oil absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. **COMBUSTIBLE LIQUID AND VAPOR.** Keep away from open flames, hot surfaces and sources of ignition. Use only in well-ventilated areas. **HANDLING OF WASTE MATERIALS:** Used finish materials (e.g. clean-up rags, steel wool, tacking towels) and sanding dust can spontaneously ignite if improperly discarded. Do not store waste finish materials or sanding dust in a pile or discard into the regular trash. Instead, immediately place all waste materials into a water-filled metal container and discard according to local, state and federal regulations. **FOR COMMERCIAL AND INDUSTRIAL USE ONLY.**

Storage:

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. **KEEP OUT OF REACH OF CHILDREN.**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

No special ventilation requirements. General room ventilation is adequate.

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(s)	CAS #	ACGIH	OSHA	Mexico
Aliphatic hydrocarbons	64742-47-8		1200 mg/m ³	

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Bulk density:	No information available
pH:	Not applicable	Dilution pH:	No information available.
Appearance:	Liquid	Vapor density:	No information available
Color:	Milky Amber	Evaporation Rate	No information available
Odor:	Solvent	Boiling point/range:	Not determined
Specific gravity:	0.89	Melting point/range:	Not determined
Density:	7.42 lbs/gal	Decomposition temperature:	Not determined
VOC:	450g/L (40 CFR §59.400)	Autoignition temperature:	No information available
Flash point:	110°F 43.3°C	Partition coefficient (n-octanol/water):	No information available
Solubility:	Insoluble	Solubility in other solvents:	No information available
Viscosity:	260 S.U.S.	Elemental Phosphorus:	0 %P

10. STABILITY AND REACTIVITY

Stability:	The product is stable
Polymerization:	Hazardous polymerization does not occur
Hazardous decomposition products:	None reasonably foreseeable.
Materials to avoid:	Strong oxidising agents. Do not mix with any other product or chemical.
Conditions to avoid:	Do not freeze. Keep away from open flames, hot surfaces and sources of ignition.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Oral LD50 estimated to be greater than 5000 mg/kg Dermal LD50 estimated to be > 2000 mg/kg
Component Information:	See Section 3
Chronic toxicity:	None known
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
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13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Dispose of brushes and rags used for processing of the product as hazardous waste. Undiluted product is regulated under environmental and transportation laws as a corrosive waste.

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: Canada (DSL/NDL), U.S.A. (TSCA).

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(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Aliphatic hydrocarbons	64742-47-8	-	-	-	-
Proprietary	TS*	-	-	-	-

CERCLA/ SARA

SARA 311/312 Hazard Categories

Immediate: X
Delayed: -
Fire: X
Reactivity: -
Sudden Release of Pressure: -

Canada

WHMIS hazard class: B3 Combustible liquid, D2B Toxic materials.



Ingredient(s)	CAS #	NPRI
Aliphatic hydrocarbons	64742-47-8	

16. OTHER INFORMATION

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

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