

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Great Finishes Oil Polyurethane Varnish Clear Gloss

Product Code Identification Number: 276A113

MSDS Number:

GENERAL USE: Protective Coating

PRODUCT DESCRIPTION: Solvent base alkyd coating, hydrocarbon odor



MANUFACTURER'S NAME

Ace Hardware Paint Division

DATE PREPARED: October 31, 2005

SUPERSEDES: November 20, 2004

Page 1 of 4

ADDRESS (NUMBER, STREET, P.O. BOX)

21901 South Central Avenue

TELEPHONE NUMBER FOR INFORMATION

(800) 311-8324

(CITY, STATE AND ZIP CODE)

Matteson, IL 60443-2800

COUNTRY

USA

EMERGENCY TELEPHONE NUMBER

Infotrac (800) 535-5053 Outside USA (352) 323-3500

DISTRIBUTOR'S NAME

Ace Hardware Corporation

ADDRESS (NUMBER, STREET, P.O. BOX)

2200 Kensington Court

TELEPHONE NUMBER FOR INFORMATION

(800) 311-8324

(CITY, STATE AND ZIP CODE)

Oak Brook, IL 60523-2100

COUNTRY

USA

EMERGENCY TELEPHONE NUMBER

Infotrac (800) 535-5053 Outside USA (352) 323-3500

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	%	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M3	PPM	MG/M3		
Petroleum distillate, aliphatic	64742-47-8	15 - 40	100	525				
Petroleum distillate, aliphatic	64742-88-7	7 - 13	500	2000				
Xylene (mixed) (a,b)	1330-20-7	1 - 5	100	435	100		Yes	1000

(a,b) See Section 15

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear liquid, potentially hazardous vapors. Flammable as defined by DOT and TDG for Air / Ocean transport. Classified by DOT as Combustible for ground transport in containers less than 120 gallons. Classified as Combustible by OSHA. Can cause serious or fatal complications if swallowed. Can cause eye and skin irritation upon contact. Inhalation of vapors can cause anesthetic effect leading to death in poorly ventilated areas. Hazard symbols for this product - Xn; Risk Phrases - R 10, 20/22, 36/38

POTENTIAL HEALTH EFFECTS

INHALATION: High concentrations are irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting and malaise. Xylene causes central nervous system effects, anemia, liver and kidney effects, and eye damage after repeated or prolonged exposure to high concentrations.

SKIN: Brief contact may cause slight irritation; prolonged contact may cause moderate irritation or dermatitis. Xylene causes central nervous system effects, anemia, liver and kidney effects, and eye damage after repeated or prolonged exposure to high concentrations

EYES: High vapor concentration or contact may cause irritation and discomfort.

INGESTION: May result in vomiting; aspiration of vomitus into the lungs must be avoided; DO NOT induce vomiting. Minute amounts aspirated into the lungs can produce severe lung injury, chemical pneumonitis, pulmonary edema or death.

CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No

MATERIAL SAFETY DATA SHEET			
PRODUCT NAME: Great Finishes Oil Polyurethane Varnish Clear Gloss October 31, 2005			Page 2 of 4
SECTION 4 - FIRST AID MEASURES			
INHALATION: Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.			
SKIN: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.			
EYES: Check for and remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.			
INGESTION: DO NOT induce vomiting; if vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs; seek immediate medical attention. Vomiting may be induced only under the supervision of a physician.			
SECTION 5 - FIRE FIGHTING MEASURES			
FLASH POINT (METHOD USED) 105° F (PMCC)		FLAMMABLE LIMITS LEL: 0.5% AUTOIGNITION TEMPERATURE: Not determined	UEL: 6.0% NFPA CLASS: II
GENERAL HAZARDS: Product is considered combustible. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.			
EXTINGUISHING MEDIA Carbon dioxide, water fog, dry chemical, chemical foam			
FIRE FIGHTING PROCEDURES Firefighters must wear full facepiece self - contained breathing apparatus in positive pressure mode. Do not use solid stream of water since stream will scatter and spread fire. Fine water spray can be used to keep fire - exposed containers cool.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Closed containers can explode due to buildup of pressure when exposed to extreme heat. Do not use direct stream of water on pool fires as product may reignite on water surface. Caution - Material is combustible!			
HAZARDOUS COMBUSTION PRODUCTS Smoke, fumes or vapors, oxides of carbon.			
SECTION 6 - ENVIRONMENTAL RELEASE MEASURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: COMBUSTIBLE - Evacuate and ventilate area; remove all sources of sparks, ignition and open flames; confine and absorb into approved absorbent; place material into approved containers for disposal; do not wash to sewer or waterway.			
SECTION 7 - HANDLING AND STORAGE			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: This material is combustible. It should be stored in tightly closed containers in a cool, well ventilated area. Vapor may form explosive mixtures in air. All sources of ignition should be controlled. This material may be classified as COMBUSTIBLE by DOT unless transported by vessel or aircraft. Refer to 49 CFR 173.120. Keep this and other chemicals out of reach of children. Avoid inhaling concentrated fumes or vapors.			
SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION			
ENGINEERING CONTROLS The use of local exhaust ventilation is recommended to control emissions near the source. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment. See Section 2 for Component Exposure Guidelines.			
PERSONAL PROTECTION:			
RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.			
PROTECTIVE GLOVES: Neoprene, butyl or nitrile rubber gloves with cuffs.			
EYE PROTECTION: Chemical safety goggles.			
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyewash station nearby.			
WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.			

MATERIAL SAFETY DATA SHEET				
PRODUCT NAME: Great Finishes Oil Polyurethane Varnish Clear Gloss October 31, 2005				Page 3 of 4
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES				
VAPOR PRESSURE (MM Hg) 3.4 mm Hg @ 20 ° C		VAPOR DENSITY (AIR = 1) > 1		
SPECIFIC GRAVITY (WATER = 1) 0.906		EVAPORATION RATE (WATER = 1) < 1		
SOLUBILITY IN WATER Negligible		FREEZING POINT Not determined		
pH Not applicable		APPEARANCE AND ODOR Clear liquid, hydrocarbon odor		
BOILING POINT 298°F (148° C)		PHYSICAL STATE Liquid		
VISCOSITY (Ford 4) 30 - 40 sec				
SECTION 10 - STABILITY AND REACTIVITY				
STABILITY UNSTABLE: STABLE: XXX		CONDITIONS TO AVOID: Extreme temperatures, open flames		
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids				
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.				
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX		CONDITIONS TO AVOID: None		
SECTION 11 - TOXICOLOGICAL INFORMATION				
Hazardous Ingredients	CAS #	EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Petroleum distillate, aliphatic	64742-47-8	265-149-8	Not determined	Not determined
Petroleum distillate, aliphatic	64742-88-7	265-191-7	Not determined	Not determined
Xylene (mixed) (a,b)	1330-20-7	215-535-7	4300 mg / kg Oral - rat	5000 ppm / 4H Inhalation - rat
SECTION 12 - ECOLOGICAL INFORMATION				
No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.				
SECTION 13 - DISPOSAL CONSIDERATIONS				
WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. This product may produce concentrated hazardous vapors or fumes in a disposal container creating a dangerous environment. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations for ignitable materials. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals. Do not flush to sanitary sewer or waterway.				
SECTION 14 - TRANSPORT INFORMATION				
PROPER SHIPPING NAME: Paint				
DOT HAZARD CLASS / Pack Group: 3 / III REFERENCE: 49 CFR 173.150, .173, .242 UN / NA IDENTIFICATION NUMBER: UN 1263 LABEL: FLAMMABLE LIQUID HAZARD SYMBOLS: F		IATA HAZARD CLASS / Pack Group: 3 / III IMDG HAZARD CLASS: 3 / III RID/ADR Dangerous Goods Code: 3 (3B) UN TDG Class / Pack Group: 3 / III Hazard Identification Number (HIN): 33		
Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.				

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Great Finishes Oil Polyurethane Varnish Clear Gloss
October 31, 2005

Page 4 of 4

SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories

Immediate health, fire hazard

313 Reportable Ingredients:

(a) Indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CERCLA (Comprehensive Response Compensation and Liability Act)

(b) The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ for this mixture > 20,000 lbs) or greater amounts, according to 40 CFR 302.

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are no chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: B3

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

EC Risk Phrases

R10 Flammable
R20/22 Harmful by inhalation and if swallowed.
R36/38 Irritating to eyes and skin.

SYMBOL(S) REQUIRED FOR LABEL

Harmful



EC Safety Phrases

S23 Do not breathe vapor
S25 Avoid contact with eyes
S28 After contact with skin, wash immediately with plenty of soap and water.
S29 Do not empty into drains

SECTION 16 - OTHER INFORMATION

No specific notes.

HMIS HAZARD RATINGS

HEALTH	1	* = Chronic Health Hazard	2 = MODERATE
FLAMMABILITY	2	0 = INSIGNIFICANT	3 = HIGH
PHYSICAL HAZARD	0	1 = SLIGHT	4 = EXTREME

REVISION SUMMARY:

This MSDS has been revised in the following sections:
Section 14, DOT Classification

MSDS Prepared by: Comprehensive Data Base, Inc.
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(863) 644 - 3298 www.compdatabase.com

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.