

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MightyOne HD Urethane FinishGloss - Part A
PRODUCT CODES: CF-0837
PRODUCT USE: Ultra-Durable Floor Finish
CHEMICAL NAME: Aliphatic Water-based Urethane



MANUFACTURER: Praetorian Protective Finishes, LLC
ADDRESS: 226 North River Ridge Circle
Burnsville MN 55337

PHONE NUMBER: 952-895-6962
FAX NUMBER: 952-895-6964
EMERGENCY PHONE: CHEMTREC (800) 424-4544

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Mild milky liquid. Not flammable. May cause irritation to eyes skin or respiratory with prolonged contact. Ingestion may cause gastric distress.

POTENTIAL HEALTH EFFECTS: See Section 11 for more information.

EYES: Contact with eyes may cause irritation.

SKIN: None expected. Prolonged contact may cause irritation.

INGESTION: May cause gastric distress, vomiting and diarrhea.

INHALATION: None expected. Breathing airborne particles or dust from mixing, spraying, sanding, grinding, etc. may cause irritation to respiratory tract.

CARCINOGENICITY: No

ENVIRONMENTAL HAZARDS: None Known

OSHA REGULATED: Not Regulated

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:	CAS / DSL Number	% WT
Ethylene glycol monopropyl ether	2807-30-9	1-4%
N-Methylpyrrolidone	872-50-4	1-5%

SECTION 4: FIRST AID MEASURES

EYE CONTACT: Check for and remove contact lenses. Flush eyes with clean clear running water for 15 minutes while holding eyes open. If irritation persists, seek medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash affected area with soap and water. Launder contaminated clothing before reuse. If irritation persists, seek medical attention.

INGESTION: Give two glasses of water for dilution. DO NOT induce vomiting. Never give anything by mouth to an unconscious person; seek medical attention.

INHALATION: If signs of overexposure; remove the affected person to fresh air. If symptoms persist; seek medical attention.

GENERAL ADVISE: In case of accident or if you feel unwell, seek medical advise immediately (show the label or MSDS where possible).

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABILITY: Product is not considered flammable or combustible by WHMIS/OSHA criteria. However, product will support combustion if involved in a fire. Products of combustion include compounds of carbon, hydrogen, nitrogen and oxygen; including carbon monoxide.

EXTINGUISHING MEDIA: Use NFPA Class B Fire Extinguishers; carbon dioxide, all purpose dry chemical, water water fog, or chemical foam; polymer foam is preferred for large fires.

FIRE FIGHTING PROCEDURES: Use water mist to keep containers cool to prevent rupture.

PROTECTION OF FIREFIGHTERS: Firefighters should wear self-contained breathing apparatus. Floor may become slippery if material is released, caution is advised.

SECTION 6: ACCIDENTAL RELEASE MEASURES

METHODS FOR CONTAINMENT CLEAN UP: WILL SUPPORT COMBUSTION. Ventilate area. Confine spill to a small area. Use absorbent material to clean up. Place soiled materials in approved containers for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes. Do not swallow. Handle container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking.

STORAGE: Do not store in extremely high temperatures, above 115°F (46°C). Do not store in area below 32°F (0°C). Keep out of the reach of children. Keep container tightly closed. Keep away from food, drink animal feeding stuffs. Protect containers from abuse.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

INGREDIENT	OSHA	ACGIH		NIOSH
	Z-1 PEL	TWA	STEL	
Ethylene glycol monopropyl ether	25 ppm	NE	NE	NE
N-Methylpyrrolidone	NE	NE	NE	NE

ENGINEERING CONTROLS: Practice safe work habits. Minimize body contact with this product and all other chemicals in general.

PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face Protection: Safety Glasses recommended for general protection, refer to 29 CFR 1910.133 or European Standard EN166.

Skin Protection: Recommended for general protection. Nitrile gloves are appropriate.

Respiratory Protection: NIOSH approved respirator designed to remove airborne particulate present in excess of maximum allowable concentrations due to secondary operations such as mixing, sanding, buffing, etc. Refer to 29 CFR 1910.134 or European Standard EN 149 for regulations.

General Hygiene Considerations: Handle according to established industrial hygiene and safety practices. Safety eyewash station nearby. Avoid breathing mist. Avoid contact with eyes and skin. Thoroughly wash after handling and before eating or drinking. There are no known hazards associated with this material when used as recommended.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/COLOR:	Milky White	LOWER FLAMMABILITY RATE:	Not Established
ODOUR:	Characteristic low odor	UPPER FLAMMABILITY RATE:	Not Established
PHYSICAL STATE:	Liquid	VAPOR PRESSURE (mmHg):	Not Established
pH :	6.9-7.2	VAPOR DENSITY (AIR = 1):	Heavier than air
FREEZING POINT:	Below 32 deg F	SPECIFIC GRAVITY /WT PER GAL:	8.78-8.82
BOILING POINT:	Not Established	SOLUBILITY IN WATER:	Yes
FLASHPOINT:	Not Established	AUTO-INGINITION TEMPERATURE:	Not Established
EVAPORATION RATE:	Not Established	VOLATILE ORGANIC COMPOUNDS (VOC):	Less than

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Extreme temperatures

INCOMPATIBLE MATERIALS: None Known

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Decomposition will not occur if handles and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

POSSIBLE HAZARDOUS REACTIONS: None Known

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENT:	ACUTE TOXICITY - LD50 /LC50				CHRONIC EFFECTS	
	LC50 - Inhalation / Species	ORAL / Species	DERMAL / Species	Eye Irritation / Species	Target Organs	Carcinogen or Potential
Ethylene glycol monopropyl ether	6h:>2132 ppm - Rat	3089 mg/kg - Rat	1337 mg/kg - Rabbit	Strong/Rabbit	None Known	No
N-Methylpyrrolidone	>5100 mg/m3 - rats	3900-7900mg/kg - rats, mice, guinea pig, rabbit	4000-10,000 mg/kg - rats, rabbits	Moderate/Rabbit		No

*See Section 15 for more information

SECTION 12: ECOLOGICAL INFORMATION

No Data is available on the adverse effects of this material on environment. Neither COD nor BOR 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

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste compliance with applicable laws are the responsibility solely of the waste generator. Praetorian has no control over the management practices of parties handling or using the material.

SECTION 14: TRANSPORT INFORMATION

PROPER SHIPPING NAME:	Non-Hazardous for Shipping	DOT SHIPPING CLASS / Pack Group:	Not Regulated
DOT HAZARD CLASS/Packaging Group	Not Regulated	IATA HAZARD CLASS / Packaging Group:	Not Regulated
REFERENCE:	NA	IMDG HAZARD CLASS:	Not Regulated
UN / NA IDENTIFICATION NUMBER:	None	RID / ADR Dangerous Goods Group:	Not Regulated
LABEL:	None Required	UN TDG Class / Packaging Group:	Not Regulated
HAZARD SYMBOLS:	None	HIN # (Hazard Identification Number):	None

NOTE: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100-177, IMDG, IATA, EU, United Nations TDG, and WHIMS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS:

OSHA HAZARD COMMUNICATION STANDARD: This product is not a "hazardous Chemical" as defined by the OSHA Hazard Communication Standard (CFR29 1910.1200).

SUPERFUND AMENDMENTS AND REAUTORIZATION ACT OF 1986 TITLE III (Emergency Planning and Community Right-to-know Act of 1986)

SARA Section 311

INGREDIENT:	Immediate (Acute)	Delayed (Chronic)	Fire Hazard	Reactive Hazard	Sudden Release of Pressure	SARA Section 313	SARA Section 302
Ethylene glycol monopropyl ether	Yes	Yes	Yes	No	No	Yes	No
N-Methylpyrrolidone	Yes	No	Yes	No	No	Yes	No

CERCLA - Comprehensive Response Compensation and Liability Act: None

CALIFORNIA PROPOSITION 65: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

STATE RIGHT-TO-KNOW: All required components are listed in Section 3

TSCA - Toxic substances Control Act: All components of this product and on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

CANADIAN:

CEPA - Canadian Environmental Protection Act (DSL / NDSL - Canadian Domestic Substance List / Non-Domestic Substance 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 3 unless otherwise indicated.

IDL - Canadian Ingredient Disclosure List: Components of this product identified by CAS number are listed on the Canadian Ingredient Disclosure List are shown in Section 3.

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 information required by the Controlled Products Regulations.

WHMIS CLASSIFICATION(S): D1B, D2B

EINECS - European Inventory of Existing Commercial Chemical Substances: Components of this product identified by CAS numbers, Section 3, are on the European Inventory of Existing Commercial Chemical Substances.

SYMBOLS REQUIRED FOR LABEL: IRRITANT

SECTION 16: OTHER INFORMATION

NFPA - NATIONAL FIRE PROTECTION ASSOCIATION: **Hazard Rating:** 0=minimal, 1=slight, 2=moderate, 3=severe, 4=extreme

Health: 2

Fire: 0

Reactivity: 0

Protection: A

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 party/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.

DATE OF PREPARATION: December 22, 2010

REVISION DATE: Product Number Change, Section 3, 8,11,15 change

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