



## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES  
 24 Hour INFOTRAC (US and CANADA): 800-535-5053

**PRODUCT NAME**  
 UNITED 791 SUPER SHINE

**USE/DESCRIPTION**  
 Floor Finish

**REVISION DATE**  
 April 8, 2011

#### HMIS III HEALTH (0 = Maximum Safety) 1

Always follow Label Directions and Cautions.

\* Chronic 2 Moderate  
 4 Severe 1 Slight  
 3 Serious 0 Minimal  
**See Hazards Identification Section of this MSDS for more detailed information.**

#### PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire. 2 Violent chemical change possible-use hose stream from distance  
 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers. 1 Unstable if heated-use precaution.  
0 Normally stable.

#### FLAMMABILITY (0 = Maximum Safety) 0

Susceptibility of Material to Burning.

4 Extremely flammable. 1 Must be preheated to burn.  
 3 Ignites at normal temperature. 0 Will not burn.  
 2 Ignites when moderately heated.

**PERSONAL PROTECTION: p & n**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Diethylene glycol methyl ether	111-77-3	2-7	NE	NE	9210 mg/kg (Rat/oral)	NE
Tributoxyethyl phosphate	78-51-3	1-5	NE	NE	3000 mg/kg (Rat/oral)	NE
Zinc ammonium carbonate	38714-47-5	1-5	25 ppm	5 mg/m3	NE	NE

### 3. HAZARDS IDENTIFICATION

**Eyes:** Can cause mild to moderate irritation.

**Skin:** May cause mild irritation. Prolonged or repeated contact may dry or defat skin leading to inflammation.

**Inhalation:** Excessive inhalation of vapors may cause nasal and respiratory irritation.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention.

**Skin:** Wash with soap and plenty of water. Wash clothing before reuse.

**Inhalation:** Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration.

**Ingestion:** Get medical attention immediately. Unless advised otherwise by physician or poison center, induce vomiting by giving either syrup of ipecac followed by 2 glasses of water or by sticking finger down throat. Do not give anything by mouth if person is drowsy, unconscious or has no gag reflex.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** None

**Explosive Limits:** Lower (LEL): 1.9 Upper (UEL): 9.5

**Flame Projection (Aerosol):** N/A

**Hazardous Products of Combustion:** When ignited, as in a fire, this product may produce carbon monoxide and carbon dioxide.

**Fire and Explosion Hazards:** None known.

**Extinguishing Media:** Foam, carbon dioxide, dry chemical.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water to prevent vapor pressure build up.

## 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Soak up with an inert absorbent and place in designated disposal container. Wash area thoroughly. Do not flush to sewer, stream or other bodies of water.

**Large Spills:** Contain material, if a substantial quantity is spilled, recover with pump or vacuum. Otherwise, soak up with an inert absorbent and place in designated disposal container. Wash area thoroughly. Do not flush to sewer, stream or other bodies of water.

## 7. HANDLING AND STORAGE

Keep containers tightly closed when not in use. Store in a cool and dry area. Handle with reasonable care. Avoid breathing vapors.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety goggles recommended.

**Skin:** Chemical resistant gloves recommended.

**Respiratory:** None required if good ventilation is maintained. If TLV is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised.

**Engineering Controls:** Mechanical ventilation recommended to reduce exposure.

**Other Protective Equipment:** Wear impervious clothing and boots.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 212°F/100°C **Specific Gravity:** 1.05 (H<sub>2</sub>O=1) **Vapor Pressure:** 17.5 mmHg **Melting Point:** ND

**Vapor Density:** <1 (Air=1) **Evaporation Rate:** <1 (BA=1) **Solubility in Water:** Complete **pH:** 9-10

**Appearance and Odor:** Milky white with characteristic acrylic scent.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** NA

**Hazardous Decomposition:** When strongly heated, as in a fire, this product may produce oxides of carbon.

**Chemical Stability:** Stable

**Incompatibility:** Oxidizing agents such as bleach.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** None

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

## 14. TRANSPORT INFORMATION

**DOT:** Available upon request

**TDG:** Available upon request

**UN:** Available upon request

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** < 5%

**TSCA (Toxic Substances Control Act):** Listed

**SARA Title III Section 302 EHS:** None

**SARA Title III Section 311/312:** ND

**SARA Title III Section 313 Toxic Chemicals:** Diethylene glycol methyl ether C#111-77-3

**WHMIS Classification:**

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 791 SUPER SHINE

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