



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
 800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

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

PRODUCT NAME
 UNITED 572 SHIELD

USE/DESCRIPTION
 Water-Based Acrylic Concrete Sealer

REVISION DATE
 December 28, 2010

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.

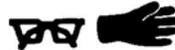
4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) **0**

Susceptibility of Material to Burning.

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

PERSONAL PROTECTION: B



2. COMPOSITION/INFORMATION ON INGREDIENTS

In accordance with Federal Regulation 29 CFR 1910.1200, all materials in this product are considered non-hazardous.

3. HAZARDS IDENTIFICATION

Eyes: Can cause mild to moderate irritation.

Skin: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

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

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

4. FIRST AID MEASURES

Eyes: Flush with plenty of cool water for at least 15 minutes while holding eyelids open. Call a physician or poison center immediately.

Skin: Remove contaminated clothing. Wash with soap and water. If irritation persists, call a physician or poison center.

Inhalation: Remove patient to fresh air. Apply CPR if needed. If irritation persists, call a physician or poison center.

Ingestion: If conscious, induce vomiting by giving either syrup of ipecac followed by 2 glasses of water or by sticking finger down throat. Call a physician or poison center immediately. Do not give anything by mouth if the person is drowsy, unconscious or has no gag reflex.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): >248F/>120C

Explosive Limits: Lower (LEL): ND Upper (UEL): ND

Flame Projection (Aerosol): N/A

Hazardous Products of Combustion: None known.

Fire and Explosion Hazards: None known.

Extinguishing Media: None required. Use media suitable to surrounding fire.

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water spray or fog.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Caution: Slip hazard. Use an absorbent material and place contaminated material in a suitable container for disposal. Wash area thoroughly.

Large Spills: Caution: Slip hazard. Stop spill at the source. Dike and pump liquid to container. Absorb excess liquid on inert material and place in suitable container for disposal. Wash area thoroughly. Do not flush to sewer, stream or other bodies of water.

7. HANDLING AND STORAGE

Keep in a properly labeled, tightly closed container and store in a cool, dry well-ventilated area. Do not expose to freezing temperatures as it may rupture or burst the container. Do not pour used material back into the container. Avoid breathing vapors. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Chemical safety glasses or chemical splash goggles are recommended.

Skin: Chemical resistant gloves are recommended, such as nitrile rubber.

Respiratory: None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below TLV levels, use a NIOSH/MSHA approved self-contained breathing apparatus.

Engineering Controls: Provide adequate ventilation. Local exhaust is generally adequate.

Other Protective Equipment: Wear impervious clothing and boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: >212°F/>100°C **Specific Gravity:** 1.025 - 1.045 (H₂O=1) **Vapor Pressure:** ND **Melting Point:** ND
Vapor Density: ND **Evaporation Rate:** ND **Solubility in Water:** Complete **pH:** 8.5 – 9.5
Appearance and Odor: Milky white with mild odor.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: None known.

Chemical Stability: Stable

Incompatibility: None reasonably foreseeable.

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, 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): < 1%

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: ND

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: None

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 572 SHIELD

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