

Issue Date: 28-Dec-2010

Revision Date: 18-Oct-2016

Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name United 572 SHIELD

Other means of identification

SDS # UNITED-572

Recommended use of the chemical and restrictions on use

Recommended Use Water-Based Acrylic Concrete Sealer.

Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Supplier Address

United Laboratories, Inc.

320 37th Avenue

St. Charles, IL 60174

www.unitedlabsinc.com

www.unitedlabsinc.ca

Emergency Telephone Number

Company Phone Number 800-323-2594 (to reorder)

Emergency Telephone (24 hr) INFOTRAC 1-800-535-5053 (North America)

1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Milky white liquid

Physical State Liquid

Odor Mild

Classification

Acute toxicity – Oral	Category 5
Acute toxicity - Dermal	Category 5
Eye damage/eye irritation	Category 3
Skin irritation	Category 3

Signal Word

Warning

Hazard Statements

May be harmful in contact with skin. May cause mild skin and eye irritation. Harmful if swallowed.

Precautionary Statements - Prevention

Use personal protective equipment as required.

Precautionary Statements – Response

Wash face, hands and any exposed skin thoroughly after handling. If skin irritation occurs: Get medical advice/attention. If in eyes: Rinse cautiously for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: Get medical advice/attention.

Precautionary Statements – Storage

Store in a well-ventilated place. Store in a cool, dry place.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Other Hazards

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Proprietary	Proprietary	60-70

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
Skin Contact	Prolonged or repeated contact can cause irritation. Wash with plenty of water. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Ingestion	Rinse mouth. Do not give anything by mouth if the person is drowsy or unconscious. Call a poison center or physician if you feel unwell.

Most important symptoms and effects

Symptoms	May cause eye irritation with reddening and watering. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Non-flammable.

Hazardous Combustion Products None known.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Containers should be cooled with water spray or fog.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Personal Precautions** Use personal protective equipment as required.
- Environmental Precautions** See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

- Methods for Containment** Prevent further leakage or spillage if safe to do so.
- Methods for Clean-Up** Keep in suitable, closed containers for disposal. May be a slip hazard. Use an absorbent material and place contaminated material in a suitable container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

- Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

- Storage Conditions** Store in a well-ventilated place. Keep cool. Do not expose to freezing temperatures as it may rupture or burst the container.
- Incompatible Materials** Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

- Engineering Controls** Provide adequate ventilation. Local exhaust is generally adequate. Eyewash stations.

Individual protection measures, such as personal protective equipment

- Eye/Face Protection** Chemical safety glasses or chemical splash goggles are recommended.
- Skin and Body Protection** Chemical resistant gloves recommended. Wear suitable protective clothing.
- Respiratory Protection** None needed for proper use in accordance with label directions. Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

- Physical State** Liquid
- Appearance** Milky white liquid
- Color** Milky white
- Odor** Mild

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
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pH	8.5-9.5	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	>100°C / >212 °F	
Flash Point	Non-flammable	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	17 mmHg @21°C	
Vapor Density	<1 Water	
Specific Gravity	1.025-1.045	(Water = 1)
Water Solubility	Complete	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	<1%	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid

Incompatible materials.

Incompatible Materials

Strong acids.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with eyes. May cause irritation.
Skin Contact	Prolonged or repeated contact may cause skin irritation.
Inhalation	Do not inhale. Breathing vapors may irritate nose and throat.
Ingestion	Do not ingest.

Information on physical, chemical and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.
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Component Information

Chemical	Oral LD50	Dermal LD50	Inhalation LC50
Propylene glycol Phenyl Ether 770-35-4	>2000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	-
Acrylic Polymer	>5000 mg/kg (Rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Carcinogenicity**

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not determined.

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined.

Chemical Name	Partition Coefficient
Propylene glycol phenyl ether 770-35-4	1.52

Other Adverse Effects

Not determined.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods**Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated.

IATA

Not regulated.

IMDG

Not regulated.

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory-Listed

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

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

US State Regulations

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.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations.

16. OTHER INFORMATION

NFPA

Health Hazards

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS

Health Hazards

1

Flammability

0

Physical Hazards

0

Personal Protection

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Revision Note:

New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet