



## SAFETY DATA SHEET

Cover-Clad TI System

High Performance Resin Base Part A

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : Cover-Clad SL/Quartz/Cover-Clad Base A

Area of application : Seamless floor coatings  
Supplier : U.S. Flooring Company, Inc.  
1550 Katherine Ave.  
Joplin, MO 64801  
Tel: 417-625-1512  
Fax: 417-625-1707

Emergency telephone number : tel: (Int) +800-424-9300 (ChemTrec Emergency Response)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

General Description : Preparation.

#### Information on ingredients

Chemical Name	CAS No.	%	OSHA PEL	ACGIH TLV
Reaction product: bisphenol A/F-(epichlorhydrin); epoxy resin (number average molecular weight <700)	40216-08-8	>80	no limits set	no limits set
Hexane-1,6-diol diglycidyl ether	16096-31-4	1-5	no limits set	no limits set
Benzyl alcohol	100-51-6	5-10	no limits set	no limits set

### 3. HAZARDS IDENTIFICATION

Human health hazards : Irritating to eyes and skin. May cause sensitization by skin contact.  
Environmental hazards : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 4. FIRST AID MEASURES

General Information : In case of accident or if you feel unwell, seek medical advice immediately. Bring the safety data sheet. Never give anything by mouth to an unconscious person.

Inhalation : Fresh air, rest.  
Ingestion : wash out mouth with water. Drink water. Consult a doctor.  
Skin contact : Immediately remove contaminated clothing. Immediately wash off with plenty of water and soap.  
Eye contact : Remove any contact lenses. Wash the eyes with plenty of water for at least 15 minutes with the eyelid wide open. Consult an eye specialist.



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#### 5. FIRE-FIGHTING MEASURES

Flashpoint	: > 392°F (>200°C).
Explosion limits	: Not applicable
Suitable extinguishing media	: Dry chemical, alcohol-resistant foam, water spray, carbon dioxide. If possible, containers should be removed from the fire area, or cooled with water.
Hazardous thermal (de)composition products	: Carbon monoxide and carbon dioxide.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	: Avoid contact with skin and eyes. Use appropriate protection (see Section 8). Keep unauthorized people away.
Environmental precautions	: Avoid release to the environment. In the event of major spillage: Immediately contact fire department and police.
Methods for cleaning up	: Collect spilled material. Absorb remainder in sand or other inert material. Forward for disposal (see Section 13).

#### 7. HANDLING AND STORAGE

Handling	: Avoid contact with skin and eyes. Use only in well-ventilated areas. For instruction for application, see separate product information. Any national regulations about epoxy products should be followed (see section 15).
Storage	: Keep container tightly closed and dry. Protect from direct sunlight. Keep at 60-104°F (15-40°C).

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering measures	: Use only in well-ventilated areas.
Personal protective Equipment	
Skin and body	: Wear suitable protective clothing (full protective clothing).
Hands	: 4H gloves or neoprene gloves.
Eyes	: Safety goggles or face shield.
Other protective equipment	: Eye wash facility. Emergency shower.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid.
Color	: Transparent
Odor	: Weak.
Boiling point	: >392°F (>200°C)
Density	: 1.16 g/cm <sup>3</sup> .
Solubility in water	: Insoluble.
pH	: Not established.
Flash point	: >392°F (200°C)
Explosion properties	: Not explosive.



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### 10. STABILITY AND REACTIVITY

Stability	: Stable under recommended storage and handling conditions. Decomposes at high temperatures.
Conditions to avoid	: Avoid temperatures above 104°F (40°C).
Materials to avoid	: Oxidizing agents, strong acids and strong bases.
Hazardous reactions	: Does not occur at recommended storage and handling conditions.
Hazardous decomposition products	: Does not occur at recommended storage and handling conditions.

### 11. TOXICOLOGICAL INFORMATION

Inhalation	: Not applicable at room temperature. Irritating vapor can be formed when heated.
Ingestion	: May be irritating to mouth and pharynx.
Skin contact	: Irritating to skin.
Eye contact	: Irritating to eyes. May cause sting.
Sensitization	: Prolonged or repeated skin contact may result in allergic eczema.

Information on Ingredients:

**Chemical name** : **Reaction product: bisphenol A/F-(epichlorhydrin); epoxy resin (number average molecular weight <700)**

Acute Toxicity – Oral : LD<sub>50</sub> oral rat: >5000 mg/kg.  
Sensitization : May cause sensitization with allergic eczema.

**Chemical name** : **Hexane-1,6y-diol diglycidyl ether**  
Acute Toxicity – Oral : LD<sub>50</sub> oral rat: 2900 mg/kg.  
Sensitization : May cause sensitization with allergic eczema.

### 12. ECOLOGICAL INFORMATION

Do not allow to enter waste water canal, waterways or soil.

**Information on ingredients:**

**Chemical name** : **Reaction product: bisphenol A/F-(epichlorhydrin); epoxy resin (number average molecular weight <700)**

Persistence/degradability : The substance is poorly biodegradable.  
Ecotoxicity : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Chemical name** : **Hexane-1,6-diol diglycidyl ether**  
Persistence/degradability : The substance is poorly biodegradable.  
Ecotoxicity : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
LC<sub>50</sub> fish: 10-100 mg/l.

### 13. DISPOSAL CONSIDERATIONS

Waste of residues : Disposal according to the local, state and federal legislation. Forward for disposal. Curing is recommended.  
Contaminated packaging : Disposal according to the local, state and federal legislation.  
Other information : Any national regulations about epoxy products should be followed (see section 15).



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### 14. TRANSPORT INFORMATION

DOT Regulations:

Identification number : None  
Proper shipping name : None  
(technical name)  
Hazard Class : None  
Packing group : None  
Label : None

NMFC Item # : None  
Class : None

International transport regulations Road (ADR), Railway (RID) Sea (IMDG), Air (IATA):

UN number : None  
Proper shipping name : None  
Class : None  
Packing group : None

### 15. REGULATORY INFORMATION

Risk phrases : Irritating to eyes and skin {=R36/38}.  
May cause sensitization by skin contact [=R43].  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment {=R51/53}.

Safety phrases : After contact with skin, wash immediately with plenty of water and soap [=S28].  
Wear suitable protective clothing, glove and eye/face protection [=S36/37/39].  
Avoid release to the environment. Refer to special instructions/Safety data sheets [=S61].

Contains : Reaction product: bisphenol A/F-(epichlorhydrin); epoxy resin (number average molecular weight <700).  
Hexane-1,6-diol diglycidyl ether

Additional label phrases : Contains epoxy constituents. See information supplied by the manufacturer.

CERCLA-SARA Hazard : This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the SARA Title III 1986 and is considered under applicable definitions to meet the following categories:  
None.

SARA Section 313 : This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the SARA 1986 and 40 CFR part 372:  
None.

Toxic Substances Control Act : This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if Exported from the United States:  
Benzyl alcohol, CAS No 100-51-6.

**Definition** : SARA – Superfund Amendment Reauthorization Act



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### 16. OTHER INFORMATION

This product is used together with Cover-Clad SL Quartz Hardener B and Filler C. Base A and Hardener B react while developing heat. Complete curing time is 5-7 days. For instructions for application, see separate product information. See also separate safety data sheet for comp B.

#### HMIS Ratings

Health	: 2
Flammability	: 1
Reactivity	: 0
Personal protection	:-

The ratings assigned by Cover-Clad are only suggested ratings; the contractor/employer has ultimate responsibility for HMIS rating where this system is used.

#### Personal Protection

This code is left blank as it depends on application technique and the workplace ventilation. Please read this MSDS before deciding on appropriate protective equipment and beginning work. There are codes available for this section which can be obtained from Labelmaster.

#### History

Version Country/ Language	: United States / English
Date previous issue	:-
Changes in comparison with the previous issue	:

This safety data sheet is based on U.S. Flooring Company's present knowledge and experience, and is intended to serve as a guide for safe handling of the product regarding to health and environmental aspects.