



Cover-Clad Flakes BASE A
MATERIAL SAFETY DATA SHEET
Date Issued: 06/27/2011
Revision 1 – Date Revised: 05/16/2012

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name **Cover-Clad Flakes Base A**

Application Base (amine) component of polyurea floor coating system.

Supplier U.S. Flooring Company
 1550 Katherine Ave
 Joplin, MO 64801
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 www.usflooringinc.com

Emergency Phone Numbers CHEMTREC (US, Canada, US Virgin Islands): (800) 424 - 9300
(24 HR.) CHEMTREC (Outside USA): (703) 527 – 3887

2. COMPOSITION/INFORMATION ON INGREDIENTS

General description: Preparation

Chemical Name	CAS No.	%	OSHA PEL	ACGIH TLV
Secondary Diamine	Proprietary	>90	Not determined	Not determined

3. HAZARDS IDENTIFICATION

Emergency Overview:

Routes of Entry: Route Entry Risk
 Inhalation Possible
 Ingestion Possible
 Skin Contact Possible
 Eye Contact Possible

Potential Health Effects

Inhalation May cause nausea and respiratory tract irritation. May cause respiratory sensitization in susceptible individuals.

Ingestion Moderately toxic, cause abdominal cramps, nausea, swelling.

Skin Contact Product is a slight skin irritant. May Cause swelling and redness.

Eye Contact Mild eye irritant. Vapors slightly uncomfortable. Splashes irritating and painful.

Acute Health Hazards Acute ingestion causes burning of the mouth, throat, and stomach with abdominal pain. Acute inhalation of vapors and mist can cause nasal discharge and pain in the eyes.

Medical Conditions Skin and eye sensitization. Depending on individual skin sensitivity, chronic prolonged exposure may result in irritation, blistering, burning and peeling of skin layers.

Generally Aggravated by Exposure

Carcinogenicity OSHA: No data ACGIH: No data NTP: No data IARC: No data

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 Immediate fresh air, seek medical attention.

Ingestion If victim is conscious and alert, wash out mouth with water. Drink water. Do not induce vomiting or give anything by mouth to an unconscious person. Seek medical attention.

Skin contact Wash off with plenty of water and soap.

Eye contact Remove any contact lenses. Wash the eyes with plenty of water with the eyelid held wide open. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Flammable Limits Not determined

Flashpoint >200 °F (>93°C) (Pensky Marten Closed).

Autoignition Temperature

NFPA Hazard Rating Health: Hazard Scale Protective Equipment
 0=LEAST A=SAFETY GLASSES
 Flammability: 1=SLIGHT B=SAFETY GLASSES, GLOVES
 2=MODERATE C=SAFETY GLASSES, GLOVES AND APRON
 Reactivity: 3=HIGH
 4=EXTREME
 Other:

HMIS Hazard Rating	Health: 2 Flammability: 1 Reactivity: 0 Protection:
Extinguishing Media:	Foam/Carbon dioxide/Dry Chemical/Water fog
Special Fire Fighting Procedures	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products exist.
Unusual Fire and Explosion Hazards	Closed containers may rupture due to build-up of pressure when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Standard hydrocarbon spill procedures apply to this product.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Do not breathe vapor. Do not spray, could cause harmful mist. For instruction for application, see separate product information.
Storage	Keep container tightly closed and in a well-ventilated place. Keep container dry. Store between the following temperatures: 41-95 °F (5-35 °C). Avoid temperatures below 32 °F (0 °C).

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering measures	Use only in well-ventilated areas.
Personal protective equipment	
Respiratory system	In case of insufficient ventilation, wear suitable respiratory equipment.
Hands	Wear suitable gloves.
Eyes	Safety goggles or face shield is recommended.
Other protective equipment	Eye wash facility.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Weak
Odor	Slightly Musty
Boiling point	Not determined
Specific Gravity (water =1)	1.05 g/cm ³ (77 °F)
Solubility in water	Insoluble. Reacts with water.
pH	Not established
Flash point	>200 °F (>93°C) (Pensky Marten Closed)
Vapor Pressure (mmHg)	No data
Vapor Density (Air =1)	No data
Evaporation rate (Butyl Acetate = 1)	No data
Solubility in water	Insoluble in water @68°F (20°C).
Percent Solids by Weight	100
VOC (g/l)	With water: 0% Without water 0%
Viscosity	200-300 cPs

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage and handling conditions. Avoid excessive heat, open flame, and strong oxidizing agents. Replace outage with inert dry nitrogen.
sparks	
Incompatibility (materials to Hazardous decomposition or by products)	Avoid water, acid, base (alkalis, ammonia), alcohols, metal compounds. Carbon dioxide, carbon monoxide, nitrogen oxides.
Hazardous polymerization	Will not occur under normal circumstances.
Conditions to avoid Polymerization	Avoid incompatible reactants, especially strong bases, water or temperatures over 160°F.

11. TOXICOLOGICAL INFORMATION

Toxicological Information	No data
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12. ECOLOGICAL INFORMATION

Ecological Information	No data
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13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Use excess product in an alternate beneficial application. Dispose of according to current local, state, and federal regulations.
RCRA Hazard Class Non-Regulated

14. TRANSPORT INFORMATION

Free from transport regulations.

15. REGULATORY INFORMATION

US EPA TSCA Status All chemical ingredients are listed on the TSCA inventory.
Canada Domestic All chemical ingredients are listed on the DSL

US Federal Regulations TSCA Section 12(b) Export Notification. This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States: There are no TSCA 12(b) Chemicals in this product.

CERCLA – SARA Hazard Category CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product: Chemical Name- See Section 2

SARA Title III (Superfund Amendments Reauthorization Act) This product has been reviewed according to the EPA and 'Hazard Categories' promulgated under Section 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

311/312 Hazard Categories Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard: See Section 3

313 Reportable Ingredients This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: Chemical Name- See Section 2

State Regulations California Proposition 65. This product does not contain any chemicals known to the state of California to cause cancer, birth defects or any other harm.

16. OTHER INFORMATION

This product is used together with Cover-Clad Flakes Hardener B. 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 Hardener B.

HMIS Ratings

Health	2
Flammability	1
Reactivity	0
Personal protection	-

This safety data sheet is based on Flowcrete'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.