

Trade name: ALEXSEAL-Suede Coating 702 Converter C7752  
Product no.: 4552200000000 Version: 2.0.0 / USA

Status: 2/11/2007

## 1.) Identification of the substance/preparation and company

### Product details

#### Trade name

**ALEXSEAL-Suede Coating 702 Converter C7752**

### Identification of the manufacturer / supplier

#### Address

Mankiewicz Coatings L.L.C  
831 South 21st Street  
St. Louis, Missouri 63103  
USA

Telephone no. +1 314 783-2110

#### Emergency telephone number

CHEMTREC: 800-424-9300 OR 703-527-3887

## 2.) Hazards identification

### Immediate hazards

#### General

##### WARNING

Flammable liquid and vapor.

Harmful if inhaled.

May cause allergic skin reaction.

May cause skin and eye irritation

May cause respiratory tract irritation.

Prolonged or repeated contact may dry skin and cause irritation

### Potential Health Effects

#### Eye

May cause: eye irritation

#### Skin

May cause: skin irritation; Allergic skin reaction; Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

#### Inhalation

Possible irritation of the respiratory system can occur causing a variety of symptoms such as: inflammation and ulceration of the respiratory tract; Individuals with lung or breathing problems or prior reaction to isocyanates must not be exposed to vapor or spray mist.

#### Ingestion

May cause vomiting.

#### Cancer

None of the components present in this material at concentrations equal or greater than 0.1% are listed by IARC(Group 1,2A or 2B), NTP, OSHA or ACGIH as a carcinogen.

## 3.) Composition / information on ingredients

### Hazardous ingredients

#### XYLENE

CAS no.	1330-20-7			
Concentration	> 1	<	5	%-b.w.

#### ETHYLBENZENE

CAS no.	100-41-4			
Concentration	> 1	<	5	%-b.w.

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## **N-BUTYL ACETATE**

CAS no. 123-86-4  
Concentration > 30 < 50 %-b.w.

## **HEXAMETHYLENE-DIISOCYANATE**

CAS no. 822-06-0  
Concentration < 0.5 %-b.w.

## **2-METHOXY-1-METHYLETHYL ACETATE**

CAS no. 108-65-6  
Concentration > 5 < 10 %-b.w.

## **1,3,5-tris(6-isocyanatohexyl)biuret**

CAS no. 4035-89-6  
Concentration > 30 < 50 %-b.w.

## **4.) First aid measures**

### **General information**

In all cases of doubt, or when sickness symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

### **After inhalation**

Remove to fresh air, keep patient warm and at rest. Irregular breathing/no breathing: artificial respiration. If unconscious place in recovery position and seek medical advice.

### **After skin contact**

Wash skin thoroughly with soap and water or use recognised skin cleaner. Do NOT use solvents or thinners !

### **After eye contact**

Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

### **After ingestion**

When swallowed seek medical aid immediately and show the physician the packaging or the label of the packaging. Do not induce vomiting.

## **5.) Firefighting measures**

### **Suitable extinguishing media**

Alcohol resistant foam, CO<sub>2</sub>, powders, water spray

### **Extinguishing media that must not be used for safety reasons**

Full water jet

### **Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases**

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

### **Special protective equipment for firefighting**

As in any fire, wear self-contained breathing apparatus pressure - demand, MSHA/ NIOSH (approved or equivalent) and full protective gear.

### **Other information**

Cool endangered containers with water in case of fire. Do not allow run-off from firefighting to enter drains or water courses.

## **6.) Accidental release measures**

### **Personal precautions**

Exclude sources of ignition and ventilate the area. Do not inhale vapours. Refer to protective measures listed in sections 7 and 8.

### **Environmental precautions**

Do not allow to enter drains. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

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### Methods for cleaning up/taking up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in suitable container for disposal. Clean preferably with a detergent; avoid use of solvents.

## 7.) Handling and storage

### Handling

#### Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Take precautionary measures against electrostatic loading. Refer to protective measures listed in section 8. Comply with the health and safety at work laws.

#### Advice on protection against fire and explosion

Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air.

### Storage

#### Requirements for storage rooms and vessels

Electrical equipment should be protected to the appropriate standard. Floors should be of the conducting type. Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Hints on storage assembly

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

#### Further information on storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep container in a cool, well-ventilated place.

## 8.) Exposure controls / personal protection

### Additional hints on technical system design.

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

### Exposure limit values

#### XYLENE

CAS no. 1330-20-7  
EC no. 215-535-7

#### ACGIH

Xylene, isomers

TWA	100	ml/m <sup>3</sup>
STEL	150	ml/m <sup>3</sup>

#### LIMITS FOR AIR CONTAMINANTS (OSHA)

Xylenes (o-, m-, p-isomers)

TWA	435	mg/m <sup>3</sup>	100	ml/m <sup>3</sup>
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**ETHYLBENZENE**

CAS no. 100-41-4  
EC no. 202-849-4

**ACGIH**

Ethyl benzene  
TWA 100 ml/m<sup>3</sup>  
STEL 125 ml/m<sup>3</sup>

**LIMITS FOR AIR CONTAMINANTS (OSHA)**

Ethyl benzene  
TWA 435 mg/m<sup>3</sup> 100 ml/m<sup>3</sup>

**N-BUTYL ACETATE**

CAS no. 123-86-4  
EC no. 204-658-1

**ACGIH**

n-Butyl acetate  
TWA 150 ml/m<sup>3</sup>  
STEL 200 ml/m<sup>3</sup>

**LIMITS FOR AIR CONTAMINANTS (OSHA)**

n-Butyl-acetate  
TWA 710 mg/m<sup>3</sup> 150 ml/m<sup>3</sup>

**Personal protective equipment**

**Respiratory protection**

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. Use NIOSH/MSHA approved dust respirator if concentration exceeds recommended exposure levels.

**Hand protection**

Glove permeation data does not exist for this material. The following glove(s) should be used for splash protection only.

Appropriate Material nitrile

**Eye protection**

Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

**Skin protection**

fire-resistant antistatic protective clothing

**General protective and hygiene measures**

Remove soiled or soaked clothing immediately. Avoid the inhalation of dust from sanding, particulates and spray mist arising from the application of this preparation. Do not eat, drink or smoke during work time.

**9.) Physical and chemical properties**

**General information**

Form liquid  
Color according product name  
Odor characteristic

**Important health, safety and environmental information**

**Changes in physical state**

Type Boiling point  
Value 248 ° F  
Pressure 1013 mbar

**Flash point**

Value 77 ° F  
Method DIN 53213

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### Ignition temperature

Value appr. 752 ° F

### Explosion limits

Upper explosion limit 10 % vol

Lower explosion limit 1 % vol

### Vapor pressure

Value appr. 100 mbar

Reference temperature 122 ° F

### Density

Value appr. 8.99 lbs/gallon

Reference temperature 68 ° F

### Viscosity

Type Efflux time

Value < 60 sec

Method DIN cup 4 mm

Reference temperature 68 ° F

### Solubility in water

Remarks insoluble

## 10.) Stability and reactivity

### Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

### Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

## 11.) Toxicological information

### Experience in practice

When inhaled in larger quantities, the solvent vapours cause a narcotic effect.

The product can cause skin and eye irritation.

Repeated and prolonged skin contact may lead to defatting and irritation of the skin.

## 12.) Ecological information

### General information / ecology

Ecological data are not available.

Do not discharge product unmonitored into the environment.

## 13.) Disposal considerations

### Product

Dispose in accordance with federal, state and local regulations.

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**14.) Transport information**

**US DOT**

Class	3
Packaging group	III
Label	FLAMMABLE LIQUID
UN/NA number	1263
Technical name	Paint

**Marine transport IMDG**

Class	3
Packaging group	III
UN number	1263
Proper shipping name	Paint related material
Label	3
Remarks	Containers with a capacity <= 30 ltrs are not subject to IMDG regulations.

**Air transport ICAO/IATA**

Class	3
Packaging group	III
UN number	1263
Proper shipping name	Paint related material
Label	3

**15.) Regulatory information**

**Regulations**

**US Federal Regulations**

**TSCA (Toxic Substances Control Act)**

All of the components of this product are either listed on the TSCA Inventory or are not subject to the notification requirements (exempt).

**Clean Water Act (CWA):**

Following ingredients are listed:

CAS-No.	123-86-4
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**Clean Air Act:**

None of the ingredients is listed.

**OSHA: Hazardous by definition of Hazard Communication Standard ( 29 CFR 1910.1200)**

Following ingredients are Hazardous by definition of Hazard Communication Standard:

CAS-No.	123-86-4; 28182-81-2; 63368-95-6; 822-06-0; 26471-62-5
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**SARA Section 302 (RQ):**

None of the ingredients is listed.

**SARA HAZARD CATEGORY (Section 311/312)**

Fire, Health Hazards.

**SARA Section 313 INFORMATION:**

None of the ingredients is listed.

**Volatile organic compounds (VOC)**

pound/gallon	3.59
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**HAPS (Hazardous Air Pollutants):**

Following ingredients are listed:

CAS-No.	822-06-0 0.37%
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**Other international listings**

**IARC**

Following ingredients are listed in Group 2B:

CAS-No.	26471-62-5 0.05%
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## State Regulations

### New Jersey Worker and Community Right to Know Act.

Following ingredients are listed:

CAS-No. 123-86-4

### California Proposition 65.

WARNING: Following ingredients are known to cause cancer or reproductive toxicity:

CAS-No. 26471-62-5 0.05%

### Pennsylvania HAZARDOUS SUBSTANCE LIST

Following ingredients are listed:

CAS-No. 123-86-4; 26471-62-5

## 16.) Other information

### HMIS Classification

Flammability :	3
Health	3
PPE	G
Reactivity	1

### NFPA Rating

Fire Hazard	3
Health	3
Reactivity	1

### Other information

Abbreviations:

ACGIH American Conference of Governmental Hygienics

CAS Chemical Abstracts Service

HAPS Hazardous Air Pollutants

HMIS Hazardous Material Identifikation System

IARC International Agency for Research on Cancer

IDLH Immediate Dangerous to Life and Health

LEL Lower Explosion Limit

NTP National Toxicology Program

OEL Occupational Exposure Limit

OSHA Occupational Safety and Health Administration

PEL Permissible Exposure Limit

PPE Personal Protection Equipment

SARA Superfund Amendments and Reauthorization Act

STEL Short-Term Exposure Level (15 minutes)

TWA Time-Weighted Average (8 hours)

UEL Upper Explosion Limit

VOC Volatile Organic Compounds

WEEL Workplace Environmental Exposure Level

### Department issuing safety data sheet

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 b, D-21107 Hamburg

Tel.: +49 40 / 41 92 13 00 Fax: +49 40 / 41 92 13 57 e-mail: umco@umco.de

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.