

Trade name: ALEXSEAL-Waterborne Topcoat 9132 Cloud White W9132

Product no.: 3425291329000

Version: 1.0.0 / USA

Status: 22.05.2007

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

### Product details

#### Trade name

**ALEXSEAL-Waterborne Topcoat 9132 Cloud White W9132**

### 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

Harmful if inhaled.

May be harmful if absorbed through skin or swallowed.

May cause skin and eye irritation

### Potential Health Effects

#### Eye

May cause eye irritation.

#### Skin

May be harmful if absorbed through skin. May cause skin irritation.

#### Inhalation

No other information is currently known.

#### Ingestion

May be harmful if swallowed. May cause vomiting.

#### Cancer

None of the components present in this material at concentrations equal or greater than 0.1% is listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

## 3.) Composition / information on ingredients

### Hazardous ingredients

#### 2-BUTOXYETHANOL

CAS no. 111-76-2

Concentration > 1 < 5 %-b.w.

#### N-METHYL-2-PYRROLIDONE

CAS no. 872-50-4

Concentration > 1 < 5 %-b.w.

#### GLYCEROL

CAS no. 56-81-5

Concentration > 1 < 5 %-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. Remove soiled or soaked clothing immediately.

#### **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**

Do not induce vomiting. Keep at rest. Call a doctor.

## 5.) **Firefighting measures**

#### **Suitable extinguishing media**

Alcohol resistant foam, CO2, 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.

#### **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.

## 7.) **Handling and storage**

#### **Handling**

##### **Advice on safe handling**

Comply with the health and safety at work laws. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Do not eat or drink during work - no smoking.

##### **Advice on protection against fire and explosion**

Keep away from ignition sources and provide for good ventilation.

#### **Storage**

##### **Requirements for storage rooms and vessels**

Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. No

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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. Avoid cooling to under 0°C.

**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**

**2-BUTOXYETHANOL**

CAS no. 111-76-2  
EC no. 203-905-0

**ACGIH**

2-Butoxyethanol  
TWA 20 ml/m<sup>3</sup>

**LIMITS FOR AIR CONTAMINANTS (OSHA)**

2-Butoxyethanol  
TWA 240 mg/m<sup>3</sup> 50 ml/m<sup>3</sup>

**GLYCEROL**

CAS no. 56-81-5  
EC no. 200-289-5

**ACGIH**

Glycerin mist  
mist  
TWA 10 mg/m<sup>3</sup>

**LIMITS FOR AIR CONTAMINANTS (OSHA)**

Glycerin (mist)  
Total dust  
TWA 15 mg/m<sup>3</sup>

**LIMITS FOR AIR CONTAMINANTS (OSHA)**

Glycerin (mist)  
Respirable fraction  
TWA 5 mg/m<sup>3</sup>

**Personal protective equipment**

**Respiratory protection**

Use NIOSH-approved organic vapor respirator, air-supplied or self-contained breathing apparatus depending on exposure potential. Air-supplied or self-contained breathing apparatus must be used when airborne concentrations are ten times above applicable exposure limits.

**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).

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**Skin protection**

Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

**General protective and hygiene measures**

Avoid product contact with skin, eyes and clothing; Avoid the inhalation of dust from sanding, particulates and spray mist arising from the application of this preparation. When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

**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

**Flash point**

Value	>	248	° F
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**Ignition temperature**

Value	>	392	° F
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**Explosion limits**

Remarks	no data available
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**Vapor pressure**

Value	appr.	100		hPa
Reference temperature		122	° F	

**Density**

Value	10.01		lbs/gallon
Reference temperature	68	° F	

**Viscosity**

Type	Efflux time		
Value	91		sec
Method	DIN cup 4 mm		
Reference temperature	68	° F	

**Solubility in water**

Remarks	Completely miscible
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**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

Exposure of vapour concentration in excess of the stated OEL's may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue muscular weakness, drowsiness and in extrem cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

### Other information

Product specific toxicological data are not known.

## 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.

## 14.) Transport information

### Other information

The product is not defined under USDOT, IMDG, GGVSee, or ICAO/IATA regulations as a hazardous material.

## 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 Air Act:

None of the ingredients is listed.

##### Clean Water Act (CWA):

None of the ingredients is listed.

##### SARA Section 302 (RQ):

None of the ingredients is listed.

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

Acute Health Hazards

##### SARA Section 313 INFORMATION:

Following ingredients are listed:

CAS-No. 872-50-4

##### HAPS (Hazardous Air Pollutants):

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. 111-76-2; 872-50-4; 56-81-5

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## State Regulations

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

Following ingredients are listed:

CAS-No. 111-76-2

### California Proposition 65.

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

CAS-No. 872-50-4

### Pennsylvania HAZARDOUS SUBSTANCE LIST

Following ingredients are listed:

CAS-No. 111-76-2; 56-81-5

## Other international listings

### IARC

None of the ingredients is listed in group 1, 2A or 2B.

### Volatile organic compounds (VOC)

pound/gallon 1.0

## 16.) Other information

### HMIS Classification

Health	1
Flammability :	1
Reactivity	0
PPE	G

### NFPA Rating

Health	1
Fire Hazard	1
Reactivity	0

### 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

WEEL Workplace Environmental Exposure Level

### Department issuing safety data sheet

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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.

# Material Safety Data Sheet



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