

Trade name: ALEXSEAL-Fairing Compound 202 Converter C2075

Product no.: 1552078403

Version: 3.0.0 / USA

Status: 3/19/2009

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

Identification of the substance or preparation

Trade name

ALEXSEAL-Fairing Compound 202 Converter C2075

Company/undertaking identification

Address

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

Telephone no. +1 314 783-2110

Emergency telephone

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

2.) Hazards identification

Immediate hazards

General

DANGER

Causes:

skin and eye burns.

May cause allergic skin reaction.

Harmful if inhaled.

May be harmful if absorbed through skin or swallowed.

Potential environmental effects

Toxic to fish and other water organisms.

Potential Health Effects

Eye

Causes: eye burns

Skin

Causes: skin burns; May cause: Allergic skin reaction; May be harmful if absorbed through skin.

Inhalation

Harmful if inhaled. May cause respiratory tract irritation.

Ingestion

May be harmful if swallowed.

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

BENZYL ALCOHOL

CAS no.	100-51-6			
Concentration	> 10	<	30	%-b.w.

3,6,9-TRIAZAUNDECAMETHYLENEDIAMINE

CAS no.	112-57-2			
Concentration	> 1	<	5	%-b.w.

m-PHENYLENEBIS(METHYLAMINE)

CAS no.	1477-55-0			
Concentration	> 1	<	5	%-b.w.

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POLY(METHYLENECYCLOHEXYLAMINE)

CAS no. 135108-88-2

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, 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. Clean preferably with a detergent; avoid use of solvents.

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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

Exposure limit values

m-PHENYLENEBIS(METHYLAMINE)

CAS no. 1477-55-0

EC no. 216-032-5

ACGIH

m-Xylene a,a'-diamine

Ceiling Limit 0.1 mg/m³

Skin resorption / Skin

sensibilisation

Exposure controls

Occupational exposure controls

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.

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).

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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	Pasty
Color	various colour shades
Odor	amine-like

Important health, safety and environmental information

Changes in physical state

Type	Starts to boil		
Value	401		° F
Pressure	1013	mbar	

Flash point

Value	266		° F
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self ignition

Value	not applicable
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Density

Value	5.81		lbs/gallon
Reference temperature	68		° F

Viscosity

Type	Efflux time		
Value	> 150		s
Method	DIN cup 4 mm		

Solubility in water

Remarks	insoluble
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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

Irritant/corrosive effects

Irritant effect on skin

Evaluation	corrosive
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Irritant effect on eyes

Evaluation	corrosive
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Experience in practice

Possibility of sensitization through skin contact.

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12.) Ecological information

Other adverse effects

There are no data available on the preparation itself.

13.) Disposal considerations

Product

Dispose in accordance with federal, state and local regulations.

14.) Transport information

US DOT

Class	8
Packaging group	II
Label	8
UN/NA number	UN3259
Technical name	Polyamines, solid, corrosive, n.o.s.
Danger releasing substance	m-phenylenebis(methylamine) POLY(METHYLENECYCLOHEXYLAMINE)

Marine transport IMDG

Class	8
Packaging group	II
UN number	3259
Proper shipping name	Polyamines, solid, corrosive, n.o.s.
Danger releasing substance	m-phenylenebis(methylamine) POLY(METHYLENECYCLOHEXYLAMINE)
EmS	F-A,S-B
Label	8

Air transport ICAO/IATA

Class	8
Packaging group	II
UN number	3259
Proper shipping name	Polyamines, solid, corrosive, n.o.s.
Danger releasing substance	m-phenylenebis(methylamine) POLY(METHYLENECYCLOHEXYLAMINE)
Label	8

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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)

None of the ingredients is listed.

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. 100-51-6; 112-57-2; 135108-88-2; 1477-55-0

SARA Section 302 (RQ):

None of the ingredients is listed.

SARA HAZARD CATEGORY (Section 311/312)

Acute Health Hazards

SARA Section 313

None of the ingredients is listed.

HAPS (Hazardous Air Pollutants) according to Clean Air Act

None of the ingredients is listed.

State Regulations

California Proposition 65.

None of the ingredients is listed.

Pennsylvania HAZARDOUS SUBSTANCE LIST

Following ingredients are listed:

CAS-No. 100-51-6; 112-57-2; 1477-55-0

New Jersey Worker and Community Right to Know Act.

Following ingredients are listed:

CAS-No. 112-57-2

Other international listings

IARC

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

Volatile organic compounds (VOC)

pound/gallon 0.72

16.) Other information

HMIS Classification

Health	2
Flammability :	1
Reactivity	0
PPE	E

NFPA Rating

Health	2
Fire Hazard	1
Reactivity	0

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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

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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.