

Trade name: ALEXSEAL-Finishing Primer 401 Accelerator A4148
Product no.: 9074400000000 Version: 1.0.0 / USA

Status: 1/7/2005

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

Product details

Trade name

ALEXSEAL-Finishing Primer 401 Accelerator A4148

Identification of the manufacturer / supplier

Address

Mankiewicz Coatings L.L.C
8 Carlisle Drive
Simpsonville, SC 29681
USA

Telephone no. 864-962-6690

Emergency telephone number

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

2.) **Composition / information on ingredients**

Chemical characterization

Mixture (preparation)

Hazardous ingredients

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL

CAS no. 90-72-2
Concentration < 100 %-b.w.

bis[(dimethylamino)methyl]phenol

CAS no. 71074-89-0
Concentration > 1 < 5 %-b.w.

3.) **Hazards identification**

Immediate hazards

General

DANGER

Causes severe irritation to skin and eyes.

WARNING

May cause:

allergic skin reaction

Harmful if inhaled.

CAUTION

May be harmful if absorbed through skin or swallowed.

May cause:

respiratory tract irritation

Combustible liquid and vapor.

Potential Health Effects

Eye

Causes: eye burns

Skin

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

Inhalation

May cause respiratory tract irritation.

Ingestion

Harmful if swallowed. Ingestion of this product may result in central nervous system effects including headache, sleepiness, dizziness, slurred speech and blurred vision.

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Cancer

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

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 contaminated clothing and shoes immediately, and launder thoroughly before reusing.

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. Never give anything by mouth to an unconscious person.

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

In the event of fire, the following can be released:

Ammonia (NH₃)

Nitrogen oxides (NO_x)

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. Refer to protective measures listed in section 8. Comply with the health and safety at work laws. Avoid contact with skin and eyes.

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

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.

Good general ventilation should be sufficient to control airborne levels.

Exposure limit values

N O N E

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 neoprene

Appropriate Material butyl

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 contact with eyes and skin. Do not eat, drink or smoke during work time.

9.) Physical and chemical properties

General information

Form liquid
Color yellowish
Odor amine-like

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12.) Ecological information

Data on elimination (persistence and degradability)

Biodegradability

Remarks No data available.

Behaviour in environment compartments.

Mobility No data available.

Ecotoxic effects

Fish toxicity

LC50	222	mg/l
Species	Oncorhynchus mykiss	
Duration of exposure	24	h

13.) Disposal considerations

Product

Dispose in accordance with federal, state and local regulations.

14.) Transport information

US DOT

Class	8
Packaging group	III
Label	CORROSIVE
UN/NA number	2735
Technical name	Amines, liquid, corrosive, n.o.s.

Marine transport IMDG

Class	8
Packaging group	III
UN number	2735
Proper shipping name	Amines, liquid, corrosive, n.o.s.
EmS	F-E,S-B
Label	8

Air transport ICAO/IATA

Class	8
Packaging group	III
UN number	2735
Proper shipping name	Amines, liquid, corrosive, n.o.s.
Label	8

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15.) **Regulatory information**

Regulations

US Federal Regulations

TSCA (Toxic Substances Control Act)

All components are listed on the TSCA inventory.

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. 90-72-2; 71074-89-0

SARA Section 302 (RQ):

None of the ingredients is listed.

SARA HAZARD CATEGORY (Section 311/312)

Acute Health Hazards

SARA Section 313 INFORMATION:

None of the ingredients is listed.

HAPS (Hazardous Air Pollutants):

None of the ingredients is listed.

State Regulations

California Proposition 65.

None of the ingredients is listed.

Pennsylvania HAZARDOUS SUBSTANCE LIST

None of the ingredients is listed.

New Jersey Worker and Community Right to Know Act.

None of the ingredients is listed.

Other international listings

IARC

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

NTP Report on Carcinogens:

None of the ingredients is listed.

16.) **Other information**

HMIS Classification

Flammability :	2
Health	2
PPE	E
Reactivity	0

NFPA Rating

Fire Hazard	2
Health	2
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

UMCO Umwelt Consult GmbH

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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.