

SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



Commercial Product Name: ALEXSEAL C2075-Fairing Compound
202 Conv
Product No.: 1552078403000

Version	Revision Date:	SDS Number:	Date of last issue: 03/20/2023
1.21	10/11/2023	F-1552078403	Date of first issue: 05/28/2015

SECTION 1. IDENTIFICATION

Product name : ALEXSEAL C2075-Fairing Compound 202 Conv 7840 Dark Gray

Product code : 1552078403000

Manufacturer or supplier's details

Manufacturer, importer, supplier : Mankiewicz Coatings L.L.C

Address : 1200 Charleston Regional Parkway
Charleston, South Carolina 29492
USA

Telephone : +1 (843) 6547755

E-mail address : sdb_info@umco.de

Emergency telephone : USA Toll free +1 866 928 0789 EN/FR/ES(Carechem International)
Canada Toll free +1 800 579 7421 EN/FR (Carechem International)

Recommended use of the chemical and restrictions on use

Recommended use : Industrial serial painting

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity (Oral) : Category 4

Skin corrosion : Category 1

Serious eye damage : Category 1

Skin sensitization : Category 1



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Specific target organ toxicity : Category 2
- repeated exposure

GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements :

Prevention:

P260 Do not breathe dust.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
P314 Get medical advice/ attention if you feel unwell.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.



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P363 Wash contaminated clothing before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Hardener based on polyamine / amino adduct

Components

Chemical name	CAS-No.	Concentration (% w/w)
Fatty acids C18 unsat, reaction products with tetraethylenepentamine	1226892-45-0	$\geq 12.5 - < 20$
Formaldehyde, polymer with benzenamine, hydrogenated	135108-88-2	$\geq 12.5 - < 20$
Glass, oxide, chemicals	65997-17-3	$\geq 12.5 - < 20$
benzyl alcohol	100-51-6	$\geq 5 - < 12.5$
Amines, polyethylenepoly-, tetraethylenepentamine fraction	90640-66-7	$\geq 1 - < 5$
m-phenylenebis(methylamine)	1477-55-0	$\geq 1 - < 5$

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

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

If inhaled : 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.

In case of skin contact : Take off all contaminated clothing immediately.
Wash skin thoroughly with soap and water or use recognised skin cleanser.



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Do NOT use solvents or thinners !

- In case of eye contact : Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.
- If swallowed : Do NOT induce vomiting.
If accidentally swallowed obtain immediate medical attention.
Never give anything by mouth to an unconscious person.
Keep at rest.
- Most important symptoms and effects, both acute and delayed : Harmful if swallowed.
May cause an allergic skin reaction.
Causes serious eye damage.
May cause damage to organs through prolonged or repeated exposure.
Causes severe burns.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Not combustible under normal conditions.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during fire fighting : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
- Further information : DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS OR WATER COURSES!!
- Special protective equipment for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure - demand, MSHA / NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Take the precautions customary when handling chemicals.
Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Do not let product enter drains.
If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.



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Methods and materials for containment and cleaning up : Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).
Clean preferably with a detergent; avoid use of solvents.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : No special protective measures against fire required.
- Advice on safe handling : Avoid contact with the skin and the eyes.
Comply with the health and safety at work laws.
Smoking, eating and drinking should be prohibited in the application area.
- Conditions for safe storage : 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.
- 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 dry in a cool, well-ventilated place.
- Materials to avoid : Keep away from oxidizing agents and strongly acid or alkaline materials.
- Recommended storage temperature : 41 - 95 °F / 5 - 35 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
benzyl alcohol	100-51-6	TWA	10 ppm	US WEEL
m-phenylenebis(methylamine)	1477-55-0	(c)	0.1 mg/m ³	CA AB OEL
		C	0.1 mg/m ³	CA BC OEL



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		C	0.1 mg/m3	CA QC OEL
		VLE-P	0.1 mg/m3	NOM-010-STPS-2014
		C	0.018 ppm	ACGIH
		C	0.1 mg/m3	NIOSH REL
		C	0.1 mg/m3	OSHA P0

Engineering measures : 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 below the OEL (= Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection : None, but avoid breathing vapors if possible.

Hand protection

Remarks : 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 safety glasses or face shield (ANSI Z87.1 or approved equivalent).

Skin and body protection : Clothing as usual in the chemical industry.

Protective measures : Do not eat or drink during work - no smoking.
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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : solid (68 - 77 °F / 20 - 25 °C, 1,013 hPa)

Color : according product name

Odor : amine-like



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pH : 12 - 14 (68 °F / 20 °C)
Concentration: 10 %
: No data available

Boiling point/boiling range : ca. 212 °F / 100 °C

Flash point : 266 °F / 130 °C
Method: ISO 13736

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : 100 hPa (122 °F / 50 °C)

Relative vapor density : No data available

Density : 5.8 lb/gal (0.7 g/cm³)
(68 °F / 20 °C)

Solubility(ies)
Water solubility : insoluble

Autoignition temperature : No data available

Decomposition temperature : No data available

Viscosity
Viscosity, kinematic : > 21 mm²/s

Flow time : > 150 s
Cross section: 4 mm
Method: DIN 53211

> 100 s
Cross section: 6 mm
Method: ISO 2431



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SECTION 10. STABILITY AND REACTIVITY

- Reactivity : No decomposition if stored and applied as directed.
- Chemical stability : Stable under normal conditions.
- Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.
- Conditions to avoid : Stable under recommended storage and handling conditions (See section 7).
- Incompatible materials : Keep away from oxidizing agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.
- Hazardous decomposition products : No hazardous decomposition products known.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Harmful if swallowed.

Product:

- Acute oral toxicity : Acute toxicity estimate: 1,584 mg/kg
Method: Calculation method
- Acute inhalation toxicity : Assessment: The substance/mixture is not toxic on inhalation as defined by dangerous goods regulations.
- Acute toxicity estimate: 9.97 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method
- Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Components:

Formaldehyde, polymer with benzenamine, hydrogenated:



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Acute oral toxicity : LD50 (Rat, male and female): 300 mg/kg

benzyl alcohol:

Acute oral toxicity : LD50 (Rat): 1,230 mg/kg

Acute inhalation toxicity : LC50 (Rat): 4.178 mg/l
Exposure time: 4 h
Test atmosphere: vapor

Amines, polyethylenepoly-, tetraethylenepentamine fraction:

Acute dermal toxicity : LD50 (Rabbit, male): ca. 1,260 mg/kg

m-phenylenebis(methylamine):

Acute oral toxicity : LD50 Oral (Rat): 980 mg/kg

Acute inhalation toxicity : LC50 (Rat): 2.4 mg/l
Exposure time: 4 h
Test atmosphere: vapor

LC50 (Rat): 1.34 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Skin corrosion/irritation

Causes severe burns.

Components:

Fatty acids C18 unsat, reaction products with tetraethylenepentamine:

Species : Rabbit
Method : OECD Test Guideline 404
Result : Corrosive after 1 to 4 hours of exposure

Formaldehyde, polymer with benzenamine, hydrogenated:

Result : Corrosive after 1 to 4 hours of exposure

Serious eye damage/eye irritation

Causes serious eye damage.



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Components:

Fatty acids C18 unsat, reaction products with tetraethylenepentamine:

Result : Corrosive

Formaldehyde, polymer with benzenamine, hydrogenated:

Result : Irreversible effects on the eye

benzyl alcohol:

Species : Rabbit
Result : Eye irritation
Method : OECD Test Guideline 405

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Not classified due to lack of data.

Components:

Fatty acids C18 unsat, reaction products with tetraethylenepentamine:

Species : Guinea pig
Method : OECD Test Guideline 406
Result : The product is a skin sensitizer, sub-category 1A.

Formaldehyde, polymer with benzenamine, hydrogenated:

Result : Causes sensitization.

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

IARC	Group 2A: Probably carcinogenic to humans Glass, oxide, chemicals (glass)	65997-17-3
	Group 2B: Possibly carcinogenic to humans Glass, oxide, chemicals (special-purpose fibres)	65997-17-3



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OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified due to lack of data.

STOT-single exposure

Not classified due to lack of data.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity

Not classified due to lack of data.

Further information

Product:

Remarks : Corrosive effect of product in contact with skin, eyes and mucous membranes.
Risk of serious damage to eyes.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : There are no data available on the preparation itself.

Components:

Fatty acids C18 unsat, reaction products with tetraethylenepentamine:

Toxicity to fish : 0.19 mg/l

Toxicity to daphnia and other aquatic invertebrates : 0.18 mg/l

Toxicity to daphnia and other : 307,2



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aquatic invertebrates (Chronic toxicity)

M-Factor (Chronic aquatic toxicity) : 10

Amines, polyethylenepoly-, tetraethylenepentamine fraction:

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : (Daphnia magna (Water flea)): 10 mg/l
Exposure time: 21 d

Persistence and degradability

Product:

Biodegradability : Remarks: There are no data available on the preparation itself.

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: There are no data available on the preparation itself.

Mobility in soil

Product:

Mobility : Remarks: There are no data available on the preparation itself.

Other adverse effects

Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : There are no data available on the preparation itself.
The product should not be allowed to enter drains or water courses.



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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- Waste from residues : Dispose of in accordance with local regulations.
- Contaminated packaging : Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

- UN/ID No. : UN 3259
- Proper shipping name : Polyamines, solid, corrosive, n.o.s.
(Amines, polyethylenepoly-, tetraethylenepentamine fraction, m-phenylenebis(methylamine))
- Class : 8
- Packing group : II
- Labels : Corrosives
- Packing instruction (cargo aircraft) : 863
- Packing instruction (passenger aircraft) : 859

IMDG-Code

- UN number : UN 3259
- Proper shipping name : Polyamines, solid, corrosive, n.o.s.
(Amines, polyethylenepoly-, tetraethylenepentamine fraction, m-phenylenebis(methylamine), Fatty acids, tall-oil, reaction products with tetraethylenepentamine, Formaldehyde polymer with 1,3-benzenedimethanamine and phenol)
- Class : 8
- Packing group : II
- Labels : 8
- EmS Code : F-A, S-B
- Marine pollutant : yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.



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Domestic regulation

49 CFR

UN/ID/NA number : UN 3259
Proper shipping name : Polyamines, solid, corrosive, n.o.s.
(Amines, polyethylenepoly-, tetraethylenepentamine fraction, m-phenylenebis(methylamine))
Class : 8
Packing group : II
Labels : CORROSIVE
Marine pollutant : yes(Fatty acids, tall-oil, reaction products with tetraethylene-pentamine, Formaldehyde polymer with 1,3-benzenedimethanamine and phenol)

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Acute toxicity (any route of exposure)
Respiratory or skin sensitization
Specific target organ toxicity (single or repeated exposure)
Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).



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The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermedi-ate or Final VOC's (40 CFR 60.489):

benzyl alcohol 100-51-6 >= 10 - < 20 %
VOC content excluding water : 0.73 lb/gal (87 g/l)

For the calculation of VOC values in this section all substances have been considered which fall under the definition of VOC according to 40 CFR 51.100. Additionally, the calculation complies with the requirements of SCAQMD Rule 1106.1, amended February 12, 1999.

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

US State Regulations

Massachusetts Right To Know

limestone 1317-65-3
benzyl alcohol 100-51-6
m-phenylenebis(methylamine) 1477-55-0

Pennsylvania Right To Know

limestone 1317-65-3
benzyl alcohol 100-51-6
m-phenylenebis(methylamine) 1477-55-0

Maine Chemicals of High Concern

octamethylcyclotetrasiloxane 556-67-2

Vermont Chemicals of High Concern

octamethylcyclotetrasiloxane 556-67-2

Washington Chemicals of High Concern

Product does not contain any listed chemicals

California Prop. 65

WARNING: This product can expose you to chemicals including Glass, oxide, chemicals, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

California List of Hazardous Substances

m-phenylenebis(methylamine) 1477-55-0



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California Permissible Exposure Limits for Chemical Contaminants

m-phenylenebis(methylamine)

1477-55-0

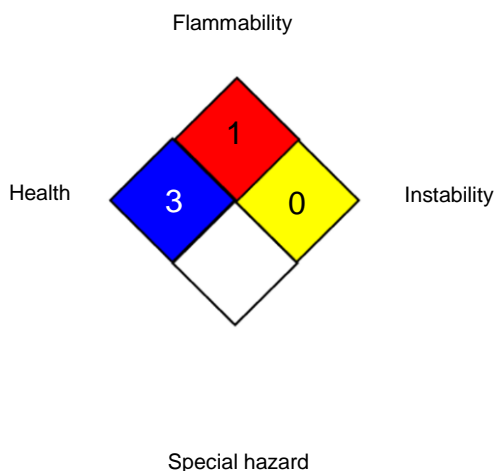
The ingredients of this product are reported in the following inventories:

TSCA : All substances listed as active on the TSCA inventory

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



Health
0=Slightly Hazardous
1=Slightly Hazardous
2=Hazardous
3=Extreme danger
4=Deadly

Flammability
0=Will not burn
1=Flashpoint below 200 F
2=Flashpoint below 100 F
3=Flashpoint below 73 F

Instability
0=Stable
1=Unstable if heated
2=Violent chemical reaction; water reactive
3=Shock or heat may detonate

HMIS® IV:

HEALTH	*	3
FLAMMABILITY		1
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.



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4=May detonate

Special hazard
SA Simple Asphyxiant
ACID Acid
OX Oxidizer
W Water Reactive
CORR Corrosive

Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
CA AB OEL	:	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL	:	Canada. British Columbia OEL
CA QC OEL	:	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
NIOSH REL	:	USA. NIOSH Recommended Exposure Limits
NOM-010-STPS-2014	:	Mexico. Norm NOM-010-STPS-2014 on Chemicals Polluting the Work Environment - Identification, Assessment and Control - Appendix 1 Occupational Exposure Limits
OSHA P0	:	USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
US WEEL	:	USA. Workplace Environmental Exposure Levels (WEEL)
ACGIH / C	:	Ceiling limit
CA AB OEL / (c)	:	ceiling occupational exposure limit
CA BC OEL / C	:	ceiling limit
CA QC OEL / C	:	Ceiling
NIOSH REL / C	:	Ceiling value not be exceeded at any time.
NOM-010-STPS-2014 / VLE-P	:	Ceiling value
OSHA P0 / C	:	Ceiling limit
US WEEL / TWA	:	8-hr TWA

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECS - Inventory of Existing Chemical Substances in China; IMDG - International Maritime



SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



Commercial Product Name: ALEXSEAL C2075-Fairing Compound
202 Conv
Product No.: 1552078403000

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Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

The information given in this material safety data sheet does not release the user from its duty of risk assessment and control in the work place defined in other health and safety law. Adhere to the national sanitary and occupational safety regulations when using this product. This SDS have been created to comply with The Hazard Communication Standard (HCS)(29 CFR 1910.1200). This SDS have been created to comply with the Hazardous Products Regulations(SOR/2015-17).

Revision Date : 10/11/2023

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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