

according to the OSHA Hazard Communication Standard

Commercial Product Name: ALEXSEAL W9134-Waterborne Topcoat Product No.: 3412691349000

Version	Revision Date:	SDS Number:	Date of last issue: 05/16/2023	
1.8	12/28/2023	F-3412691349	Date of first issue: 07/23/2015	

SECTION 1. IDENTIFICATION

Product name :	ALEXSEAL W9134-Waterborne Topcoat 9134 Snow White glänzend
Product code :	3412691349000
Manufacturer or supplier's details	ails
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 Interna- tional) Canada Toll free +1 800 579 7421 EN/FR (Carechem Interna- tional)

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)

Not a hazardous substance or mixture.

GHS label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS





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Chemical nature

: Mixture of synthetic resins, water and pigments

Components

Chemical name	CAS-No.	Concentration (% w/w)				
titanium dioxide	13463-67-7	>= 20 - < 25				
Solvent naphtha (petroleum), light	64742-95-6	>= 1 - < 5				
arom.						
1-butoxypropan-2-ol	5131-66-8	>= 1 - < 5				
2-dimethylaminoethanol	108-01-0	>= 0.5 - < 1				
Actual concentration is withheld as a trade secret						

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. 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	:	None known.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Alcohol resistant foam, CO2, powders





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Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire fighting	:	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
Further information	:	Cool endangered containers with water in case of fire. 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, protec- tive equipment and emer- gency procedures	:	Exclude sources of ignition and ventilate the area. Do not inhale vapors. Refer to protective measures listed in sections 7 and 8. Evacuate personnel to safe areas.
Environmental precautions	:	Do not let product enter drains. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.
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	:	Keep away from ignition sources and provide for good ventilation.
Advice on safe handling	:	Comply with the health and safety at work laws. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Smoking, eating and drinking should be prohibited in the application area. Observe specific national regulations for handling and use of paints.
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Conditions for safe storage	:	Keep container tightly closed. Never use pressure to empty: container isnot 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 stor- age 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. Avoid cooling to under 32°F.
Materials to avoid	:	Keep away from oxidizing agents and strongly acid or alkaline materials.
Recommended storage tem- perature	:	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 parame- ters / Permissible concentration	Basis
titanium dioxide	13463-67-7	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA	10 mg/m3	CA AB OEL
		TWA (Total dust)	10 mg/m3	CA BC OEL
		TWA (respir- able dust fraction)	3 mg/m3	CA BC OEL
		TWAEV (to- tal dust)	10 mg/m3	CA QC OEL
		TWA (Total dust)	10 mg/m3	CA BC OEL
		TWA (respir- able dust fraction)	3 mg/m3	CA BC OEL
Solvent naphtha (petroleum), light arom.	64742-95-6	TWA	200 mg/m3 (total hydrocarbon	ACGIH







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		1		vapor)	
		1	WA	200 mg/m3 (total hydrocarbon vapor)	CA AB OEL
Engineering measures	:	Provide adequate ventilation. Where reasonably practicable this shoud 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 equip	ment				
Respiratory protection	limit they must u Use MSHA/NIO exceeds recomm Dry grinding, tor produce hazardo If possible, mach Where practicab	se appropriate SH approved nended exposi- ch cutting and ous dust and/on- nine employin ole, install exh- mes and avoi-	l/or welding however or vapor. g a wet medium. aust hoods to improv d exposition; otherwis	s: ation can e capture	
Hand protection					
Remarks	:		ove(s) should	not exist for this mate be used for splash pr	
Eye protection	:	Use safety glass equivalent).	ses or face shi	eld (ANSI Z87.1 or a	pproved
Skin and body protection	:		losive atmosp	of the occurrence of oheres, adapted prote	ective
Protective measures	:	When operators the spray booth, control particula circumstances th	ontact with ski , whether spra ventilation is tes and solver ney should we	k - no smoking. n, eyes and clothing. aying or not, have to v unlikely to be sufficie nt vapor in all cases. ear a compressed air- process until such tir	nt to In such fed







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particulates and solvent vapor concentration has fallen below the exposure limits.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid (68 - 77 °F / 20 - 25 °C, 1,013 hPa)
Color	:	according product name
Odor	:	characteristic
рН	:	7 - 9 (68 °F / 20 °C) Concentration: 100 %
	:	No data available
Flash point	:	> 248 °F / > 120 °C
		Method: ISO 13736
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapor pressure	:	ca. 100 hPa (122 °F / 50 °C)
Relative vapor density	:	No data available
Density	:	ca. 10.0 lb/gal (1.2 g/cm3) (68 °F / 20 °C)
Solubility(ies) Water solubility	:	completely miscible
Autoignition temperature	:	> 572 °F / > 300 °C
Decomposition temperature	:	No data available
Viscosity		





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Viscosity, kinematic	:	> 21 mm²/s
Flow time	:	91 s Cross section: 4 mm Method: DIN 53211
		61 s Cross section: 6 mm Method: ISO 2431

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac- tions	:	No dangerous reaction known under conditions of normal use. There are no data available on the preparation itself.
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	:	When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and diox-ide, smoke, oxides of nitrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity Not classified due to lack of	f data.	
Product: Acute inhalation toxicity	:	Acute toxicity estimate: > 200 mg/l Exposure time: 4 h Test atmosphere: vapor Method: Calculation method







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Components:

2-dimethylam	inoethanol:				
Acute oral toxi	city	:	LD50 (Rat): 1,183 mg/kg		
Acute inhalatio	n toxicity	:	LC50 (Rat): 5.9 mg/l Exposure time: 4 h Test atmosphere: vapor		
Acute dermal t	oxicity	:	LD50 (Rabbit): 1,219 mg/kg		
Skin corrosio	n/irritation due to lack of da	ta.			
•	amage/eye irrit				
Respiratory o	r skin sensitiza	tio	n		
Skin sensitiza Not classified o	ition due to lack of da	ta.			
Respiratory s	Respiratory sensitization				
Not classified of	due to lack of da	ta.			
Germ cell mut	• •				
	due to lack of da	ta.			
Carcinogenici	ity due to lack of da [:]	40			
IARC		sib	ly carcinogenic to humans	13463-67-7	
OSHA			this product present at levels greate regulated carcinogens.	er than or equal to 0.1% is	
NTP			his product present at levels greater own or anticipated carcinogen by NT		
Reproductive	toxicity				
•	due te leek of de	40			

Not classified due to lack of data.

STOT-single exposure

Not classified due to lack of data.





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STOT-repeated exposure

Not classified due to lack of data.

Aspiration toxicity

Not classified due to lack of data.

Further information

Product:

Remarks

Exposure of vapor 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 nonallergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity		
Product:		
Ecotoxicology Assessment Acute aquatic toxicity	:	There are no data available on the preparation itself.
Components:		
Solvent naphtha (petroleum)), li	ght arom.:
Toxicity to fish	:	(Fish): 9.2 mg/l Exposure time: 96 h Method: OECD Test Guideline 203 GLP: yes
Toxicity to daphnia and other aquatic invertebrates	:	(Daphnia magna (Water flea)): 3.2 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 GLP: yes
Toxicity to algae/aquatic plants	:	(Pseudokirchneriella subcapitata (green algae)): 2.9 mg/l Exposure time: 72 h







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Method: OECD Test Guideline 201
GLP: yes

Persistence and degradabili	ity	
<u>Product:</u> Biodegradability	:	Remarks: There are no data available on the preparation it- self.
Bioaccumulative potential		
Product: Bioaccumulation	:	Remarks: There are no data available on the preparation it- self.
Mobility in soil		
<u>Product:</u> Mobility	:	Remarks: There are no data available on the preparation it- self.
Other adverse effects		
Product: Ozone-Depletion Potential	:	Regulation: 40 CFR Protection of Environment; Part 82 Pro- tection of Stratospheric Ozone - CAA Section 602 Class I Substances Remarks: This product neither contains, nor was manufac- tured 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 infor- mation	:	There are no data available on the preparation itself.
		The product should not be allowed to enter drains or water courses.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with local regulations.





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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

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

Domestic regulation

49 CFR

Not regulated as a dangerous good

Special precautions for user

Remarks

Not classified as dangerous in the meaning of transport 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 Health Hazard No SARA Hazards
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).





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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).

VOC content excluding	:	2.06 lb/gal (247 g/l)
water		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.
		amended i ebidary 12, 1999.

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

sodium hydroxide (Anhy- 1310-73-2 >= 0 - < 0.1 % drous)

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

sodium hydroxide (Anhy- 1310-73-2 >= 0 - < 0.1 %

drous) 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

No components are subject to the Massachusetts Right to Know Act.

Massachusetts Right To Know						
No components are subject to the Massachusetts Right to Know Act.						
Pennsylvania Right To Know						
Solvent naphtha (petroleum), light arom. aluminium oxide (Smoke)	64742-95-6 1344-28-1					
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 Permissible Exposure Limits for Chemical Contaminants						
titanium dioxide 13463-67-7						
The ingredients of this product are reported in the following invento	ories:					



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TSCA

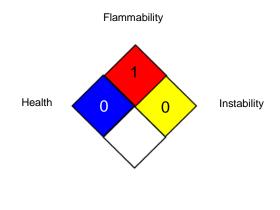
All substances listed as active on the TSCA inventory

HMIS® IV:

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



Special hazard

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

Flammability 0=Will not burn 2=Flashpoint below 200 F 3=Flashpoint below 100 F 4=Flashpoint below 73 F

Instability 0=Stable 1=Unstable if heated 2=Violent chemical reaction; water reactive 3=Shock or heat may detonate 4=May detonate

Special hazard SA Simple Asphyxiant ACID Acid OX Oxidizer

 Mankiewicz Coatings LLC
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 1200 Charleston Regional Parkway
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 www.alexseal.com

South Carolina Sales Tax Exempt Certificate Number: 1957423-000



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HEALTH 1 0 FLAMMABILITY

PHYSICAL HAZARD

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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Full text of other abbreviations ACGIH : USA. ACGIH Threshold Limit Values CA AB OEL : Canada. Alberta, Occupational Health CA BC OEL : Canada. British Columbia OEL CA QC OEL : Québec. Regulation respecting occup ty, Schedule 1, Part 1: Permissible exporte	and Safety Code (table
CA AB OEL : Canada. Alberta, Occupational Health 2: OEL) CA BC OEL : Canada. British Columbia OEL CA QC OEL : Québec. Regulation respecting occup ty, Schedule 1, Part 1: Permissible ex	and Safety Code (table
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ty, Schedule 1, Part 1: Permissible ex	ational health and safe-
DUITIE CUTICATITITATIES	
OSHA P0 : USA. Table Z-1-A Limits for Air Conta values)	minants (1989 vacated
OSHA Z-1 : USA. Occupational Exposure Limits (its for Air Contaminants	OSHA) - Table Z-1 Lim-
ACGIH / TWA : 8-hour, time-weighted average	
CA AB OEL / TWA : 8-hour Occupational exposure limit	
CA BC OEL / TWA : 8-hour time weighted average	
CA QC OEL / TWAEV : Time-weighted average exposure val	ue
OSHA P0 / TWA : 8-hour time weighted average	
OSHA Z-1 / TWA : 8-hour time weighted average	

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; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime 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;







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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; TECI - 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

• 12/28/2023

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.

US / Z8

South Carolina Sales Tax Exemp Certificate Number: 1957423-000

