

Safety Data Sheet
ALDOCOAT 375 Ceramic Acrylic Coating

SDS Revision Date:

03/10/2018



1. Identification

1.1. Product identifier

Product Identity	ALDOCOAT 375 Ceramic Acrylic Coating
Alternate Names	ALDOCOAT 375 Ceramic Acrylic Coating

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use	Acrylic Coating
Application Method	See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name	Aldo Products Company, Inc. 1320 Litton Drive Salisbury, NC 28147
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Emergency

24 hour Emergency Telephone No.	800-535-5053
Customer Service: Aldo Products Company, Inc.	704-932-3054

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin Sens. 1;H317	May cause an allergic skin reaction.
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2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Warning

H317 May cause an allergic skin reaction.

[Prevention]:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
- P272 Contaminated work clothing should not be allowed out of the workplace.

Safety Data Sheet

ALDOCOAT 375 Ceramic Acrylic Coating

SDS Revision Date:

03/10/2018



P280 Wear protective gloves / eye protection / face protection.

[Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P308+313 IF exposed or concerned: Get medical advice / attention.

P321 Specific treatment (see information on this label).

P333+313 If skin irritation or a rash occurs: Get medical advice / attention.

P363 Wash contaminated clothing before reuse.

[Storage]:

P405 Store locked up.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Gypsum (Ca(SO ₄).2H ₂ O) CAS Number: 0013397-24-5	25 - 50	Not Classified	[1][2]
Silica-crystalline (SiO ₂), quartz CAS Number: 0025265-77-4	0.10 - 1.0	Not Classified	[1][2]
Titanium dioxide CAS Number: 0013463-67-7	1.0 - 10	Not Classified	[1][2]
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate CAS Number: 0025265-77-4	1.0 - 10	Not Classified	[1]
Distillates (petroleum), hydrotreated heavy naphthenic CAS Number: 0064742-52-5	0.10 - 1.0	Not Classified	[1]
2-N-octyl-4-isothiazoline-3-one CAS Number: 0026530-20-1	0.01 - 0.1	Acute Tox. 3;H331 Acute Tox. 3;H311 Acute Tox. 4;H302 Skin Corr. 1B;H314 Skin Sens. 1;H317 (@>0.05%) Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

Safety Data Sheet

ALDOCOAT 375 Ceramic Acrylic Coating

SDS Revision Date:

03/10/2018



4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If swallowed give two glasses of water to drink. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Overview	Effects of Overexposure: Inhalation: Spray mist in poorly ventilated areas can cause headache, nausea and irritation of the nose, throat, & lungs. Eyes: Direct contact may cause irritation. Skin: May cause moderate skin irritation with repeated contact. Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 3 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure. See section 2 for further details.
Skin	May cause an allergic skin reaction.

5. Fire-fighting measures

5.1. Extinguishing media

Water, carbon dioxide, foam or dry powder.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Acrylic monomers

Avoid breathing dust / fume / gas / mist / vapors / spray.

5.3. Advice for fire-fighters

Wear SCBA and full protective gear when entering a confined or enclosed space to protect from normal combustion products and/or oxygen deficiency.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Safety Data Sheet

ALDOCOAT 375 Ceramic Acrylic Coating

SDS Revision Date:

03/10/2018



Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Keep spectators away as the floor may be slippery. Use care to avoid falling. Keep spills out of municipal sewers and open bodies of water. Dike and contain spill with inert material such as dry sand or earth. Transfer liquid material to a suitable container for recovery or disposal. Scoop or shovel solid material into a suitable container for disposal.

7. Handling and storage

7.1. Precautions for safe handling

Keep from freezing.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: No known incompatible materials for this product.

Recommended storage range is 45 - 90°F.

Keep container tightly closed.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

CAS No.	Ingredient	Source	Value
0064742-52-5	Distillates (petroleum), hydrotreated heavy napthenic	OSHA	PEL: 5 mg/m ³
		ACGIH	TWA: 5 mg/m ³
		NIOSH	STEL: 10 mg/m ³ TWA: 5 mg/m ³
0025265-77-4	Silica-crystalline (SiO ₂), quartz	OSHA	TWA: 5 mg/m ³
		ACGIH	TWA: 5 mg/m ³
		NIOSH	TWA: 5 mg/m ³

8.2. Exposure controls

Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Safety Data Sheet

ALDOCOAT 375 Ceramic Acrylic Coating

SDS Revision Date:

03/10/2018



Eyes	Chemical splash goggles (ANSI Z-87.1 or approved equivalent).
Skin	Chemical impervious gloves required.
Engineering 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 any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Milky white or various colors Liquid
Odor	Slight
Odor threshold	Not Measured
pH	Not available
Melting point / freezing point	0°C (32°F)
Initial boiling point and boiling range	100°C (212°F)
Flash Point	Non-combustible
Evaporation rate (Ether = 1)	Less than 1
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not applicable Upper Explosive Limit: Not applicable
Vapor pressure (Pa)	Greater than 1
Vapor Density	Not available
Specific Gravity	Not available
Solubility in Water	Dispersible
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
Viscosity (cSt)	13,000 – 17,000 cPs
VOC Content	Less than 50 g/Liter
Density	11.2 - 11.6 pounds per gallon
% Volatile	44 - 46% (by volume)

9.2. Other information

No other relevant information.

Safety Data Sheet

ALDOCOAT 375 Ceramic Acrylic Coating

SDS Revision Date:

03/10/2018



10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No known incompatible materials for this product.

10.6. Hazardous decomposition products

Acrylic monomers

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Titanium dioxide - (13463-67-7)	10,000.00, Rat - Category: NA	10,000.00, Rabbit - Category: NA	No data available	6.82, Rat - Category: NA	No data available
Silica-crystalline (SiO ₂), quartz – (25265-77-4)	>2000mg/kg	No data available	No data available	No data available	No data available
2-N-octyl-4-isothiazoline-3-one - (26530-20-1)	550.00, Rat - Category: 4	690.00, Rabbit - Category: 3	No data available	0.27, Rat - Category: 2	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Carcinogen Data

CAS No.	Ingredient	Source	Value
0013463-67-7	Titanium dioxide	IARC	Group 2b: Yes
0025265-77-4	Silica-crystalline (SiO ₂), quartz	NTP	Suspected: Yes* (respirable only)

12. Ecological information

Safety Data Sheet

ALDOCOAT 375 Ceramic Acrylic Coating

SDS Revision Date:

03/10/2018



12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate - (25265-77-4)	30.00, Pimephales promelas	95.00, Daphnia magna	18.40 (72 hr), Selenastrum capricornutum
2-N-octyl-4-isothiazoline-3-one - (26530-20-1)	0.0555, Oncorhynchus mykiss	0.18, Daphnia magna	0.084 (72 hr), Scenedesmus subspicatus

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Potentially toxic to aquatic life.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated

Safety Data Sheet

ALDOCOAT 375 Ceramic Acrylic Coating

SDS Revision Date:

03/10/2018



14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: No		
14.6. Special precautions for user			
No further information			

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification	D2A
US EPA Tier II Hazards	Fire: No Sudden Release of Pressure: No Reactive: No Immediate (Acute): Yes Delayed (Chronic): Yes

EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

Antimony trioxide
Silica-crystalline (SiO₂), quartz
Titanium dioxide

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Gypsum (Ca(SO₄).2H₂O)
Silica-crystalline (SiO₂), quartz

Safety Data Sheet
ALDOCOAT 375 Ceramic Acrylic Coating

SDS Revision Date:

03/10/2018



Titanium dioxide

Pennsylvania RTK Substances (>1%):

Gypsum (Ca(SO₄).2H₂O)

Silica-crystalline (SiO₂), quartz

Titanium dioxide

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

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