

Safety Data Sheet

BURmulsion 801

SDS Revision Date:

03/10/2018



1. Identification

1.1. Product identifier

Product Identity BURmulsion 801
Alternate Names BURmulsion 801 Acrylic Flood Coat

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

Intended use Acrylic Flood Coat Roof 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

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 Irrit. 2;H315 Causes skin irritation.
Eye Irrit. 2;H319 Causes serious eye irritation.
Skin Sens. 1;H317 May cause an allergic skin reaction.

2.2. Label elements

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



Warning

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

[Prevention]:

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- 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.
- P264 Wash thoroughly after handling.
- P272 Contaminated (wet) work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves / eye protection / face protection.

[Response]:

- P302+352 IF ON SKIN: Wash with plenty of soap and water.
- P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
- P313 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.
- P337+313 If eye irritation persists: Get medical advice / attention.
- P363 Wash contaminated clothing before reuse.

[Storage]:

No GHS storage statements

[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
Proprietary polymer	25 - 50	Not Classified	[1][2]
Silica, total quartz CAS Number: 0014808-60-7	25 - 50	Not Classified	[1][2]
Propylene Glycol CAS Number: 0000057-55-6	0.1 - 1.0	Not Classified	[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

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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. See section 2 for further details.
Eyes	Causes serious eye irritation.
Skin	May cause an allergic skin reaction. Causes skin irritation.

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

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

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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

Protect 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

Exposure

CAS No.	Ingredient	Source	Value
0000057-55-6	Propylene Glycol	OSHA	No Established Limit
		ACGIH	TWA(Aerosol): 10 mg/m ³
		Supplier	10 mg/m ³ TWA (listed as AIHA WEEL)
0014808-60-7	Crystalline Silica (Quartz)	OSHA	PEL

8.2. Exposure controls

Respiratory

If workers are exposed to concentrations above the exposure limit they must use the

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appropriate, certified respirators.

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	Blue or purple; 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 (n-BuAc = 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	Semi-Dispersible
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity (cSt)	3,000 - 30,000 cps
VOC Content	Less than 50 g/Liter
% Volatile	70 - 80% (by volume)
Density	12.0 - 12.4 pounds per gallon

9.2. Other information

No other relevant information.

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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

Avoid high temperatures, heating, etc.

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
Propylene Glycol - (57-55-6)	20,000.00, Rat - Category: NA	20,800.00, Rabbit - Category: NA	105.00, Rat - Category: NA	No data available	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

12. Ecological information

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.

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Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Propylene Glycol - (57-55-6)	40,613.00, Oncorhynchus mykiss	18,340.00, Ceriodaphnia dubia	19,000.00 (96 hr), Pseudokirchneriella subcapitata

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
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		

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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	D2B
US EPA Tier II Hazards	Fire: No Sudden Release of Pressure: No Reactive: No Immediate (Acute): Yes Delayed (Chronic): No
EPCRA 311/312 Chemicals and RQs:	Quartz
EPCRA 302 Extremely Hazardous:	Quartz
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%):	Quartz
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%):	Quartz
Pennsylvania RTK Substances (>1%):	Quartz

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no

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