Safety Data Sheet
ALDOPRIME 624 SBS Primer

SDS Revision Date: **03/10/2018**

1. Identification

1.1. Product identifier

Product Identity	ALDOPRIME 624 SBS Primer
Alternate Names	ALDOPRIME 624 SBS Primer

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

Intended use	Solvent-based Primer
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.
Muta. 1B;H340	May cause genetic defects.
Carc. 1A;H350	May cause cancer.
Repr. 2;H361D	Suspected of damaging the unborn child.
STOT RE 2;H373	May cause damage to organs through prolonged or repeated exposure. Specific Target Organs: (Not Available)

2.2. Label elements

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

Danger

H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H340 May cause genetic defects.
H350 May cause cancer.
H361d Suspected of damaging the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

[Prevention]:
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
P262 Do not get in eyes, on skin, or on clothing.
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]:
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P308+313 IF exposed or concerned: Get medical advice / attention.
P314 Get Medical advice / attention if you feel unwell.
P321 Specific treatment (see information on this label).
P331 Do NOT induce vomiting.
P333+313 If skin irritation or a rash occurs: Get medical advice / attention.
P337+313 If eye irritation persists: Get medical advice / attention.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.

[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
Aliphatic Hydrocarbon CAS Number: 0064742-49-0	25 - 50	Asp. Tox. 1;H304	[1]
Acetone CAS Number: 0000067-64-1	10 - 25	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	[1][2]
Styrene-Butadiene polymer CAS Number: 0009003-55-8	10 - 25	Skin Sens. 1;H317	[1]
Toluene CAS Number: 0000108-88-3	1.0 - 10	Flam. Liq. 2;H225 Repr. 2;H361d Asp. Tox. 1;H304 STOT RE 2;H373 Skin Irrit. 2;H315 STOT SE 3;H336	[1][2]
Zinc oxide CAS Number: 0001314-13-2	1.0 - 10	Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1][2]
Xylene CAS Number: 0001330-20-7	1.0 - 10	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H312 Skin Irrit. 2;H315	[1][2]
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified CAS Number: 0064742-52-5	1.0 - 10	Asp. Tox. 1;H304	[1]
Cyclohexane CAS Number: 0000110-82-7	1.0 - 10	Flam. Liq. 2;H225 Asp. Tox. 1;H304 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1][2]
Octane CAS Number: 0000111-65-9	1.0 - 10	Flam. Liq. 2;H225 Asp. Tox. 1;H304 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1][2]
Heptane CAS Number: 0000142-82-5	1.0 - 10	Flam. Liq. 2;H225 Asp. Tox. 1;H304 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1][2]
Benzene CAS Number: 0000071-43-2	0.10 - 1.0	Flam. Liq. 2;H225 Carc. 1A;H350	[1][2]

		Muta. 1B;H340 STOT RE 1;H372 Asp. Tox. 1;H304 Eye Irrit. 2;H319 Skin Irrit. 2;H315	
2-N-octyl-4-isothiazoline-3-one CAS Number: 0026530-20-1	**0.01 - 0.10**	**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

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 Flush with water initially and remove contact lenses. Continue to flush eyes with large amounts of water for 15 minutes. Get medical attention immediately.

Skin Remove contaminated clothing and shoes/boots. Wash affected area with large amounts of soap and water. Get medical attention immediately.

Ingestion If swallowed do not give anything to drink. Do not induce vomiting except under physician's instruction. 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 - EYE CONTACT:** Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.
EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).
EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Breathing saturated vapors for a few minutes may be fatal. Saturated vapors can be encountered in confined spaces and/or under conditions of poor ventilation. Prolonged inhalation may be harmful.
EFFECTS OF OVEREXPOSURE - INGESTION: This material may be harmful or fatal if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause lung damage.
Reproductive or genetic defect hazard. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. 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: Reaction with water can create CO_2.

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

Do not get in eyes, on skin, or on clothing.

5.3. Advice for fire-fighters

Do not mix with strong oxidizers such as liquid chlorine or concentrated oxygen.

Use water spray to cool non-involved containers.
Wear SCBA with full-face piece operating in a positive pressure demand mode and full protective gear.

ERG Guide No. 127

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

Shut off ignition sources including electrical equipment and flames. Contain spilled material. Absorb spills with inert

material such as vermiculite, dry sand or earth. Place in a closed container but do not seal. Ventilate area to remove vapors.

7. Handling and storage

7.1. Precautions for safe handling

Avoid prolonged or repeated skin contact. Avoid breathing aerosols, spray mists, and heated vapors. Use only in well ventilated area. Use good personal and industrial hygiene practices.
Keep container closed after each use.

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: Contact with water will cause this product to cure. Incompatible with acids, bases, and oxidizers.

Recommended storage range is less than 90°F.

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
0000067-64-1	Acetone	OSHA	TWA 1000 ppm (2400 mg/m^3)STEL 2400 mg/m^3
		ACGIH	TWA: 500 ppm STEL: 750 ppm
		NIOSH	250 ppm (590 mg/m^3) TWA
0000071-43-2	Benzene	OSHA	[1910.1028] TWA 1 ppm STEL 5 ppm
		ACGIH	TWA: 0.5 ppm STEL: 2.5 ppm Skin, A1, 1
		NIOSH	TWA 0.1 ppm ST 1 ppm
0000108-88-3	Toluene	OSHA	TWA 200 ppm C 300 ppm 500 ppm (10-minute maximum peak) STEL 150 ppm
		ACGIH	TWA: 20 ppm R
		NIOSH	TWA 100 ppm (375 mg/m^3) ST 150 ppm (560 mg/m^3)
0000110-82-7	Cyclohexane	OSHA	TWA 300 ppm (1050 mg/m^3)
		ACGIH	TWA: 100 ppm
		NIOSH	TWA 300 ppm (1050 mg/m^3)
0000111-65-9	Octane	OSHA	TWA 500 ppm (2350 mg/m^3)STEL 375 ppm
		ACGIH	TWA: 300 ppm
		NIOSH	TWA 75 ppm (350 mg/m^3) C 385 ppm (1800 mg/m^3) [15-minute]

0000142-82-5	Heptane	OSHA	TWA 500 ppm (2000 mg/m^3)
		ACGIH	TWA: 400 ppm STEL: 500 ppm
		NIOSH	TWA 85 ppm (350 mg/m^3) C 440 ppm (1800 mg/m^3) [15-minute]
0001330-20-7	Xylene	OSHA	STEL 150 ppm
		ACGIH	TWA: 100 ppm STEL: 150 ppm

8.2. Exposure controls

Respiratory	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eyes	Chemical splash goggles (ANSI Z-87.1 or approved equivalent) and/or face shield. Have an eye wash station available.
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	Viscous Liquid
Odor	Organic Solvent
Odor threshold	Not determined
pH	Not available
Melting point / freezing point	Not available
Initial boiling point and boiling range	281 - 284°F
Flash Point	0°F
Evaporation rate (Ether = 1)	Slower than ether
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	**Lower Explosive Limit:** 1% **Upper Explosive Limit:** unknown
Vapor pressure (Pa)	Not established
Vapor Density	Not available
Specific Gravity	Not available
Solubility in Water	Nil, reacts with water
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not established
Decomposition temperature	Not available

Viscosity (cSt)	100 - 400 cps
VOC Content	452 g/liter
Density	6.8 - 7.2 pounds per gallon
% Volatile	65 - 69% (by volume)

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

May polymerize

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid contact with open flame, sparks or hot surfaces.

10.5. Incompatible materials

Contact with water will cause this product to cure. Incompatible with acids, bases, and oxidizers

10.6. Hazardous decomposition products

Reaction with water can create CO_2.

11. Toxicological information

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

2-butoxyethanol and its acetate are readily absorbed through the skin and will cause harmful effects on the blood.

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
Aliphatic Hydrocarbon - (64742-49-0)	5,000.00, Rat - Category: 5	3,160.00, Rabbit -	No data available	No data available	No data available

		Category: 5			
Acetone - (67-64-1)	5,800.00, Rat - Category: NA	7,426.00, Guinea Pig - Category: NA	76.00, Rat - Category: NA	50.10, Rat - Category: NA	No data available
Toluene - (108-88-3)	636.00, Rat - Category: 4	8,400.00, Rabbit - Category: NA	No data available	No data available	No data available
Zinc oxide - (1314-13-2)	5,000.00, Rat - Category: 5	No data available	No data available	2.50, Mouse - Category: 4	No data available
Xylene - (1330-20-7)	4,299.00, Rat - Category: 5	1,548.00, Rabbit - Category: 4	No data available	20.00, Rat - Category: NA	5,000.00, Rat - Category: 4
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified - (64742-52-5)	> 5,000.00, Rat - Category: NA	No data available	No data available	5.70, Rat - Category: NA	No data available
Cyclohexane - (110-82-7)	12,705.00, Rat - Category: NA	2,000.00, Rabbit - Category: 4	No data available	No data available	No data available
Heptane - (142-82-5)	17,000.00, Rat - Category: NA	3,000.00, Rabbit - Category: 5	103.00, Rat - Category: NA	No data available	No data available
Benzene - (71-43-2)	2,990.00, Rat - Category: 5	8,263.00, Rabbit - Category: NA	44.70, Rat - Category: NA	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
0000071-43-2	Benzene	OSHA	Select Carcinogen: Yes
		IARC	Group 1: Yes
0000108-88-3	Toluene	IARC	Group 3: Yes
0001330-20-7	Xylene	IARC	Group 3: Yes
0009003-55-8	Styrene-Butadiene polymer	IARC	Group 3: Yes

12. Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Aliphatic Hydrocarbon - (64742-49-0)	Not Available	2.60, Chaetogammarus marinus	Not Available
Acetone - (67-64-1)	100.00, Pimephales promelas	10.00, Daphnia magna	20.565 (72 hr), Ulva pertusa
Toluene - (108-88-3)	5.80, Oncorhynchus mykiss	19.60, Daphnia magna	Not Available
Zinc oxide - (1314-13-2)	1.10, Oncorhynchus mykiss	0.098, Daphnia magna	0.042 (72 hr), Pseudokirchneriella subcapitata
Xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified - (64742-52-5)	5,000.00, Oncorhynchus mykiss	1,000.00, Daphnia magna	1,000.00 (96 hr), Scenedesmus subspicatus
Cyclohexane - (110-82-7)	8.20, Morone saxatilis	3.78, Daphnia magna	500.00 (72 hr), Scenedesmus subspicatus
Heptane - (142-82-5)	375.00, Oreochromis mossambicus	50.00, Daphnia magna	Not Available
Benzene - (71-43-2)	5.90, Oncorhynchus mykiss	9.20, Daphnia magna	29.00 (72 hr), Pseudokirchneriella subcapitata
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

No data available.

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 **IMO / IMDG (Ocean** **ICAO/IATA**

	Transportation)	Transportation)	
14.1. UN number	UN1263	UN1263	UN1263
14.2. UN proper shipping name	UN1263, Paint, 3, III	Paint	Paint
14.3. Transport hazard class(es)	**DOT Hazard Class:** 3	**IMDG:** 3 **Sub Class:** Not Applicable	**Air Class:** 3
14.4. Packing group	III	III	III

14.5. Environmental hazards

IMDG Marine Pollutant: Yes (Aliphatic Hydrocarbon)

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 (lbs):

Acetone (5,000.00)
Cyclohexane (1,000.00)
Toluene (1,000.00)
Xylene (100.00)

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:

Benzene
Cyclohexane
Ethyl Benzene
Toluene
Xylene
Zinc oxide

Proposition 65 - Carcinogens (>0.0%):

Benzene
Ethyl Benzene
Titanium dioxide

Proposition 65 - Developmental Toxins (>0.0%):

Benzene
Toluene

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%):

Benzene

New Jersey RTK Substances (>1%):

Acetone
Cyclohexane
Heptane
Octane
Toluene
Xylene
Zinc oxide

Pennsylvania RTK Substances (>1%):

Acetone
Cyclohexane
Heptane
Octane
Toluene
Xylene
Zinc oxide

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.

The full text of the phrases appearing in section 3 is:

This is the latest version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

Judgments as to the suitability of information herein for the purchaser's purposes are necessarily the purchaser's

responsibility. Although reasonable care has been taken in the preparation of such information, Aldo Products Company, extends no warranties, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information for application to the purchaser's intended purpose or for consequences of its use.

End of Document