

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : ALSAN® RS LO PRIMER Part A

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

Use of the substance/mixture : Low odor primer

1.3. Details of the supplier of the safety data sheet

Manufacturer:
SOPREMA, Inc.
310 Quadral Dr.
Wadsworth, OH 44281
Tel: 1-800-356-3521

Distributors:
SOPREMA Canada
1675 Haggerty Street
Drummondville (Quebec) J2C 5P7
Tel: 1-819-478-8163

SOPREMA Canada
44955 Yale Road West
Chilliwack (BC) V2R 4H3
CANADA
Tel: 1-604-793-7100

SOPREMA USA
12251 Seaway Road
Gulfport (Mississippi) 39507
UNITED STATES
Tel: 1-228-701-1900

1.4. Emergency telephone number

Emergency number : CHEMTREC 1-800-434-9300 (Acct.# CCN20515). CANUTEC 1-613-996-6666

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Carcinogenicity Category 1A

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS02

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H350 – May cause cancer (however, in the manner in which the material is applied, inhalation exposure to carbon black and respirable quartz is not anticipated).

Precautionary statements (GHS-US) :

P201 – Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P280 - Wear permeation resistant protective gloves and clothing. Wear eye and face protection.
P308 - IF exposed or concerned: Get medical attention.
P405 - Store locked up
P501 - Dispose of container in accordance with local, regional or national regulations

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2.3. Other hazards



WARNING: This product can expose you to chemicals including silica and carbon black which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

2.4. Unknown acute toxicity (GHS-US)

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 48%

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Carbon black	(CAS No) 1333-86-4	0.1 - 1.0	Carcinogenicity Category 2 Inhalation. Specific target organ toxicity – single exposure Category 3 Respiratory system.
Crystalline Quartz Silica	(CAS No) 14808-60-7	0.1 - 1.0	Acute toxicity Category 4 Oral. Carcinogenicity Category 1A. Specific target organ toxicity – repeated exposure Category 1 Lungs.
Nonhazardous components	n/a	98.0 – 99.8	n/a

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: If inhaled, remove to fresh air. Get medical attention if irritation develops. Suspected of causing cancer (however, in the manner in which the material is applied, inhalation exposure to carbon black and respirable quartz is not anticipated).
First-aid measures after skin contact	: In case of skin contact, wash affected areas with soap and water. Immediately remove contaminated clothing and shoes. Get medical attention if irritation develops and persists.
First-aid measures after eye contact	: In case of contact, flush eyes with plenty of lukewarm water. Get medical attention if irritation develops.
First-aid measures after ingestion	: If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

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

Symptoms/injuries after inhalation	: Not expected to cause adverse acute health effects.
Symptoms/injuries after skin contact	: Not expected to cause adverse acute health effects.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: All extinguishing media are suitable.
Unsuitable extinguishing media	: No Data Available

5.2. Special hazards arising from the substance or mixture

Fire hazard/Explosion hazards	: Toxic and irritating gases/fumes may be given off during burning or thermal decomposition.
Hazardous decomposition products	: By Thermal Decomposition: ; Carbon Dioxide; Carbon Monoxide Acrylic monomers, other potentially toxic fumes

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Cleanup personnel must use appropriate personal protective equipment. Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Cleanup personnel must use appropriate personal protective equipment. Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : No information available

Precautions for safe handling : Avoid breathing dust, vapor, or mist. Avoid contact with skin or clothing. Avoid contact with eyes. Use only with adequate ventilation/personal protection. Wash thoroughly after handling. Keep container closed when not in use. Protect from freezing.

Hygiene measures : Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : No information available

Storage conditions : Minimum storage temperature: 1 °C (33.8 °F)
Maximum storage temperature: 49 °C (120.2 °F)

Incompatible products : None known

Incompatible materials : None known

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Carbon black (1333-86-4)		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	3.5 mg/m ³
USA ACGIH	ACGIH TLV (TWA) (mg/m ³)	3.0 mg/m ³ (Inhalable fraction)
US. ACGIH Threshold Limit Values Hazard Designation: Group A3 Confirmed animal carcinogen with unknown relevance to humans.		

Crystalline Quartz Silica (14808-60-7)		
USA ACGIH	ACGIH TLV (TWA) (mg/m ³)	0.025 mg/m ³ (Respirable fraction)
USA OSHA	OSHA PEL (TWA) µg/m ³	50 µg/m ³
USA ACGIH	Hazard Designation: Group A2 Suspected human carcinogen.	

8.2. Exposure controls

Personal protective equipment : General dilution and local exhaust as necessary to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines.

Hand protection : Ensure gloves remain in good condition during use and replace if any deterioration is observed. Permeation resistant gloves.

Eye protection : Splash proof goggles

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Skin and body protection	: Wear cloth work clothing including long pants and long-sleeved shirts.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment.
Other information	: Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Emergency showers and eye wash stations should be available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Color	: Ivory
Odor	: Amine
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: ≈ 100 °C (212 °F)
Flash point	: Not applicable (water based product), however, solid material will support combustion if water has been evaporated.
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: 17 mmHg @ 20 °C (68 °F) similar to water
Relative vapor density at 20 °C	: No data available
Specific Gravity	: 1.50
Density	: No data available
Percent Solids	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content	: < 100 g/l
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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

Hazardous polymerisation does not occur.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

By Thermal Decomposition: Carbon Dioxide; Carbon Monoxide; Acrylic monomers, other potentially toxic fumes.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure	: Skin contact, Eye contact, Ingestion and Inhalation.
Health Effects and Symptoms	: Acute – Not expected to cause adverse acute health effects. Chronic – May cause cancer
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Inhalation of carbon black and respirable silica may cause cancer, however exposure is not anticipated.
Symptoms/injuries after inhalation	: Not classified
Symptoms/injuries after skin contact	: Not classified

Toxicity Data for ALSAN RS LO PRIMER Part A

Acute oral toxicity	Acute toxicity estimate: > 5,000 mg/kg (Calculation method)
Acute inhalation toxicity	Acute toxicity estimate: > 40 mg/l, 4 h, vapor (Calculation method)

Toxicity Data for Carbon Black (CAS-No. 1333-86-4)

Acute oral toxicity	LD50: > 8,000 mg/kg (rat, male/female) (OECD Test Guideline 401)
Acute dermal toxicity	LD50: > 3,000 mg/kg (rabbit)
Skin irritation	rabbit, Non-irritating
Eye irritation	Human, non-irritant
Sensitization	Buehler Test: negative (Guinea pig, OECD Test Guideline 406) Skin sensitization (local lymph node assay (LLNA)):: negative (Mouse, OECD Test Guideline 429)
Repeated dose toxicity	13 weeks, Inhalative: NOAEL: 0.0011 mg/kg, (rat,)
Mutagenicity	<i>Genetic Toxicity in Vitro:</i> Salmonella/microsome test (Ames test): negative Mammalian cell - gene mutation assay: positive (other mammalian cell line, Metabolic Activation: without) Micronucleus test: positive (other human cell line, Metabolic Activation: without) <i>Genetic Toxicity in Vivo:</i> Other assay: negative (Mouse, male, intraperitoneal) negative
Carcinogenicity	Several inhalation studies involving carbon black in female rats have shown increases in benign and malignant lung tumors. Although a large body of data on possible mechanisms of carcinogenicity in rats was considered by the IARC Working Group, it was not possible to state with confidence that the mechanisms of carcinogenicity in rats correlate to exposure in humans. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions.
Developmental toxicity/teratogenicity	rat, female, Inhalative, 10 days, daily,
Other relevant toxicity information	May cause irritation of respiratory tract.

Toxicity Data for Crystalline Quartz Silica (CAS No. 14808-60-7)

Acute oral toxicity	LD50: 500 mg/kg (rat)
Mutagenicity	<i>Genetic Toxicity in Vitro:</i> Ames: Negative results were reported in various in vitro studies. (Salmonella typhimurium, Metabolic Activation: with/without) <i>Genetic Toxicity in Vivo:</i> Sister Chromatid Exchange: ambiguous (hamster) ambiguous
Carcinogenicity	rat, Male/Female, inhalation, 2 years, 6 hrs/day 5 days/week positive

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Carcinogenicity	<i>Talc (non-asbestos form)</i> IARC - Overall evaluation: 3 Not classifiable as to carcinogenicity to humans. <i>Carbon Black</i> IARC - Overall evaluation: 2B Possibly carcinogenic to humans. <i>Crystalline Quartz Silica NTP</i> - Hazard Designation: Known To Be Human Carcinogen. IARC - Overall evaluation: 1 Carcinogenic to humans.
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SECTION 12: Ecological information

Ecological data for ALSAN RS LO PRIMER Part A	
No data available for this product	
Ecological data for Carbon Black (1333-86-4)	
Acute and Prolonged Toxicity to Fish	LC0: > 1,000 mg/l (Danio rerio (zebra fish), 96 h)
Acute Toxicity to Aquatic Invertebrates	EC50: > 5,600 mg/l (Water flea (Daphnia magna), 24 h)
Toxicity to Microorganisms	EC0: 100 - 800 mg/l, (Activated sludge microorganisms, 3 h)
Ecological data for Crystalline Quartz Silica (14808-60-7)	
No data available	

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Dispose of container in accordance with local, regional or national regulations.
Additional information	: Recondition or dispose of empty container in accordance with governmental regulations. Do not reuse empty container without proper cleaning.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

Transport by ground

DOT : Not regulated

Transport by sea

IMDG : Not regulated

Air transport

IATA : Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

United States Federal Regulations	
US. Toxic Substances Control Act	Listed on the TSCA Inventory. No substances are subject to TSCA 12(b) export notification requirements.
US. EPA CERCLA Hazardous Substances (40 CFR 302) Components:	None
SARA Section 311/312 Hazard Categories:	Chronic Health Hazard
US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) Components:	None
US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required Components:	None
US. EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes and Appendix VIII Hazardous Constituents (40 CFR 261):	Under RCRA, it is the responsibility of the person who generates a solid waste, as defined in 40 CFR 261.2, to determine if that waste is a hazardous waste.
methyl methacrylate, methyl 2-methylprop-2-enoate, methyl 2-methylpropenoate (80-62-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313	
RQ (Reportable quantity, section 304 of EPA's List of Lists) :	1000 lb

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15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists:		
Weight percent	Components	CAS-No.
>=1%	Water	7732-18-5
20 - 30%	Modified BPA/ECH Resin	n/a
7 - 13%	Calcium Silicate	13983-17-0
7 - 13%	Talc (non-asbestos form)	14807-96-6
>=1%	Proprietary Non-Hazardous Ingredients	n/a
>=1%	Strontium Phosphosilicate	n/a
1 - 5%	Propylene Glycol Methyl Ether	107-98-2

New Jersey Environmental Hazardous Substances List and/or New Jersey RTK Special Hazardous Substances Lists:		
Weight percent	Components	CAS-No.
1 - 5%	Propylene Glycol Methyl Ether	107-98-2

Massachusetts Right to Know Extraordinarily Hazardous Substance List:		
Weight percent	Components	CAS-No.
0.1 - 1%	Crystalline Quartz Silica	14808-60-7
45 - 50 ppm	Ammonia	7664-41-7

California Prop. 65:		
Weight percent	Components	CAS-No.
0.1 - 1%	Carbon Black	1333-86-4
0.1 - 1%	Crystalline Quartz Silica	14808-60-7
<0.1%	n-Methyl-2-pyrrolidone	872-50-4
1 - 5 ppm	Toluene	108-88-3

CFATS (Chemical Facility Anti-Terrorism Standards) Chemicals

To the best of our knowledge, this product does not contain Appendix A Chemicals of Interest (COI), at or above the Screening Threshold Quantity (STQ), as defined by the Department of Homeland Security Chemical Facility Anti-terrorism Standard (CFATS, 6 CFR Part 27).

Based on information provided by our suppliers, this product is considered "DRC Conflict Free" as defined by the SEC Conflict Minerals Final Rule (Release No. 34-67716; File No. S7-40-10; Date: 2012-08-22).

SECTION 16: Other information

Revision date : 06/21/2017

Other information : None.

Full text of H-phrases: see section 16:

H350

May cause cancer

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This SDS contains all the information required by ANSI Z400.1 standard (United States), by regulation 29 CFR Part 1910-1200 of the Hazard Communication Standard of OSHA and is in accordance with DORS/88-66 of WHMIS (Canada).

The best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.