



MATERIAL SAFETY DATA SHEET

ALSAN RS

COLOR ADDITIVE

HMIS	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #0056b3; color: white;"><td style="text-align: center;">1</td><td style="text-align: center;">HEALTH</td></tr> <tr style="background-color: #ff0000; color: white;"><td style="text-align: center;">2</td><td style="text-align: center;">FLAMMABILITY</td></tr> <tr style="background-color: #ff8c00; color: white;"><td style="text-align: center;">1</td><td style="text-align: center;">REACTIVITY</td></tr> <tr style="background-color: #cccccc;"><td style="text-align: center;">G</td><td style="text-align: center;">PROTECTIVE EQUIPMENT</td></tr> </table>	1	HEALTH	2	FLAMMABILITY	1	REACTIVITY	G	PROTECTIVE EQUIPMENT		Not regulated
1	HEALTH									
2	FLAMMABILITY									
1	REACTIVITY									
G	PROTECTIVE EQUIPMENT									

SECTION II. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product name:	Alsans RS Color Additive
Use:	Color pigment
Manufacturer:	Soprema, Inc. 310 Quadral Drive Wadsworth, Ohio 44281 UNITED STATES
Distributor:	Soprema, Inc. 310 Quadral Drive Wadsworth, Ohio 44281 UNITED STATES
In case of emergency:	SOPREMA (8:00am to 5:00pm - Eastern time): (800) 356-3521 CHEMTREC (USA) (24h.): (800) 424-9300 CANUTEC (Canada): (613) 996-6666 International: (703) 527-3887

EMERGENCY OVERVIEW!!!

Irritating to respiratory system and skin. May cause sensitization by skin contact.

SECTION II. COMPOSITION AND INFORMATION ON INGREDIENTS

Component	CAS#	% by weight
Quartz (SiO ₂)	14808-60-7	10-25%
Benzylmethacrylat	2495-37-6	10-25%
2-ethylhexyl acrylate	103-11-7	5-15%

TSCA: all ingredients are listed

SECTION III. POTENTIAL HEALTH EFFECTS

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of international guidelines.

Irritating to respiratory system and skin.

May cause sensitisation by skin contact.

SECTION IV. FIRST AID MEASURES

SKIN	Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
EYES	Rinse opened eye for several minutes under running water. Then consult a doctor.
INHALATION	Take affected persons into fresh air and keep quiet. Seek medical treatment in case of complaints.
INGESTION	Call a doctor immediately.

SECTION V. FIRE-FIGHTING MEASURES

Extinguishing media	CO ₂ , powder or water spray. Fight larger fire with alcohol resistant foam.
Protective equipment	Wear self-contained respiratory protective device.
Additional information	Cool endangered receptacles with water spray.

SECTION VI. ACCIDENTAL RELEASE MEASURES

• Person-related safety precautions:

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

• Measures for environmental protection:

Do not allow to enter sewers/ surface or ground water.

• Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Dispose contaminated material as waste according to SECTION XIII.

SECTION VII. HANDLING AND STORAGE

HANDLING:**• Information for safe handling:**

Open and handle receptacle with care.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

• Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

STORAGE:**• Requirements to be met by storerooms and receptacles:**

Store in a cool location.

• Information about storage in one common storage facility:

Store away from oxidizing agents.

• Further information about storage conditions:

Protect from heat and direct sunlight

Store in cool, dry conditions in well sealed receptacles.

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with limit values that required monitoring at the workplace:

1308-38-9 dichromium trioxide	REL	0.5 mg/m ³ as Cr
	TLV	0.5 mg/m ³ as Cr

Additional information: The lists that were valid during the creation were used as basis

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION**PERSONAL PROTECTIVE EQUIPMENT**

General protective and hygienic measures:	The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
Respiratory protection:	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Hand protection:	Nitrile rubber gloves, Butyl rubber gloves
Eye protection:	Tightly sealed goggles
Body Protection:	Protective work clothing

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM	Fluid
COLOR	According to product specification
ODOR	Ester-like
FLASH POINT	180 °F (82 °C)
MELTING POINT	Undetermined
BOILING POINT	444 °F (229 °C)
AUTO-IGNITING	Product is not self-igniting
DANGER OF EXPLOSION	Product does not present an explosion hazard
VISCOSITY Dynamic @ 68°F (20 °C)	200 dPas
SOLUBILITY IN / MISCIBILITY WITH WATER	Not miscible or difficult to mix
SOLVENT CONTENT	VOC: 0.6%
SOLIDS CONTENT	0.6%
DENSITY @ 68°F (20 °C)	2.1-2.2 g/cm ³

SECTION X. STABILITY AND REACTIVITY**THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED:**

No decomposition if used according to specifications.

DANGEROUS REACTIONS:

Exothermic reaction. Reacts with peroxides and other radical forming substances.

DANGEROUS DECOMPOSITION PRODUCTS:

No dangerous decomposition products used according to specifications.

SECTION XI. TOXICOLOGICAL INFORMATION**ACUTE TOXICITY****Primary irritant effect:**

- on the skin: Irritant to skin and mucous membranes.
- on the eye: No irritating effect.

Sensitization:

Sensitization possible through skin contact.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

SECTION XII. ECOLOGICAL INFORMATION**• General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water
 Do not allow product to reach ground water, water course or sewage system.

SECTION XIII. DISPOSAL CONSIDERATIONS**• Product:****• Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

• Uncleaned packaging:

• Recommendation: Disposal must be made according to official regulations.

SECTION XIV. TRANSPORTATION INFORMATION**DOT regulations:**

Not regulated.

LAND TRANSPORT ADR/RID (cross border):

Not regulated.

MARITIME TRANSPORT IMDG:

Not regulated.

Marine pollutant: No

AIR TRANSPORT ICAO-TI and IATA-DGR:

Not regulated.

SECTION XV. REGULATORY INFORMATION**SARA****Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

Section 313 (Specific toxic chemical listings):

None of the ingredient is listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

PROPOSITION 65**Chemicals known to cause cancer:**

None of the ingredients listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients listed.

Chemicals known to cause developmental toxicity:

None of the ingredients listed.

CANCEROGENITY CATEGORIES**EPA (Environmental Protection Agency)**

None of the ingredients listed.

IARC (International Agency for Research on Cancer)

14808-60-7	Quartz (SiO ₂)
13463-67-7	titanium dioxide
103-11-7	2-ethylhexyl acrylate
7631-86-9	silicon dioxide, chemically prepared

SECTION XV. REGULATORY INFORMATION

NTP (National Toxicology Program)

103-11-7	2-ethylhexyl acrylate
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TLV (Threshold Limit Value established by ACGIH)

14808-60-7	Quartz (SiO ₂)
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13463-67-7	titanium dioxide
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1314-23-4	zirconium dioxide
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NIOSH-Ca (National Institute for Occupational Safety and Health)

14808-60-7	Quartz (SiO ₂)
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13463-67-7	titanium dioxide
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OSHa-Ca (Occupational Safety and Health Administration)

None of the ingredients is listed.

• Product related hazard informations:

The product has been classified and marked in accordance with directives on hazardous materials.

• Hazard symbols:

Irritant

• Hazard-determining components of labelling:

Benzylmethcrylat

2-ethylhexyl acrylate

• Risk phrases:

Irritating to respiratory system and skin.

May cause sensitisation by skin contact.

• Safety phrases:

Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

Avoid contact with skin.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable gloves.

Use only in well-ventilated areas.

This material and its container must be disposed of as hazardous waste.

SECTION XVI. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Glossary:

ACGIH: American Conference of Governmental Industrial Hygienists
ANSI: American National Standards Institute
ASTM: American Society for Testing and Materials
CAS: Chemical Abstract Services
CFR: Code of Federal Regulations (United States)
CSA: Canadian Standardisation Association
DOT: Department of Transportation (United States)
DSL: Domestic Substances List (Canada)
EPA: Environmental Protection Agency (United States)
HMIS: Hazardous Material Information System
IARC: International Agency for Research on Cancer
LC50: (Lethal concentration₅₀) Concentration of a substance in air that causes death of 50% mortality of a defined animal population
LD50: (Lethal dose₅₀) Single dose of a substance that, when administered by a defined route in an animal assay, is expected to cause the death of 50% of a defined animal population.
NFPA: National Fire Protection Association (United States)
NIOSH: National Institute for Occupational Safety and Health
NTP: National Toxicology Program
OSHA: Occupational Safety & Health Administration (United States)
PEL: Permissible Exposure Limit
RCRA: Resource Conservation and Recovery Act (United States)
RTECS: Registry of Toxic Effects of Chemical Substances
TDG: Transportation of Dangerous Goods
TLV: Threshold Limit Value
TWA: Time-weighted average
TSCA: Toxic Substances Control Act (United States)
WHMIS: Workplace Hazardous Materials Information System (Canada)

Reference:

Supplier MSDS

This MSDS has been prepared by: SOPREMA, INC.

For information: 800-543-3085

The Material Safety Data Sheets of SOPREMA are available on Internet at the following site: [HTTP://WWW.SOPREMA.US](http://www.soprema.us)

Justification of the update:

New MSDS.

This MSDS contains all the information required by ANSI Z-400.1-1998 standard (United States), by regulation 29 CFR Part 1910.1200 of the Hazard Communication Standard of OSHA, and is in accordance with standard DORS/88-66 OF WHMIS Canada.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier or any of its subsidiaries assumes any liability whatsoever for the accuracy or 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.