



MATERIAL SAFETY DATA SHEET

ALSAN RS 290 TEXTURED FINISH

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 HEALTH</td></tr> <tr style="background-color: #ff0000; color: white;"><td style="text-align: center;">3 FLAMMABILITY</td></tr> <tr style="background-color: #ff8c00; color: white;"><td style="text-align: center;">1 REACTIVITY</td></tr> <tr style="background-color: #cccccc;"><td style="text-align: center;">G PROTECTIVE EQUIPMENT</td></tr> </table>	1 HEALTH	3 FLAMMABILITY	1 REACTIVITY	G PROTECTIVE EQUIPMENT		
1 HEALTH						
3 FLAMMABILITY						
1 REACTIVITY						
G PROTECTIVE EQUIPMENT						
		PAINT CLASS 3 UN 1263 P.G.: III				

SECTION II. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product name: Product number: Use: Manufacturer: Distributor: In case of emergency:	Alsan RS Textured Coating L-RS061 Heavy duty finish coat application Soprema S.A. 14, rue de Saint Nazaire - BP 121 F-67025 Strasbourg CEDEX 1 France Soprema, Inc. 310 Quadral Drive Wadsworth, Ohio 44281 UNITED STATES 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!!!

FLAMMABLE - HARMFUL IF INHALED, SWALLOWED OR ABSORBED THROUGH SKIN - CAUSES SKIN, EYE AND RESPIRATORY IRRITATION - MAY CAUSE SKIN AND RESPIRATORY SENSITIZATION

SECTION II. COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS

Component	CAS#	% by weight	TLV	REL	PEL
Methyl methacrylate	80-62-6	5 - 15	Short-term value: 410 mg/m ³ , 100 ppm Long-term value: 205 mg/m ³ , 50 ppm	410 mg/m ³ , 100 ppm	410 mg/m ³ , 100 ppm
2-Ethylhexyl acrylate	103-11-7	1 - 5	no information	no information	no information
N-butyl acrylate	141-32-2	5 - 15	n/a	55 mg/m ³ , 10 ppm	11 mg/m ³ , 2 ppm
Quartz (SiO ₂)	14808-60-7	25 - 50	no information		

TSCA: all ingredients are listed

SECTION III. POTENTIAL HEALTH EFFECTS*Effects of Short-Term (Acute) Exposure***SENSITIZATION:**

Sensitization possible through skin contact.

SKIN CONTACT:

No irritant effect

EYE CONTACT:

No irritating effect

ADDITIONAL TOXICOLOGICAL INFORMATION

The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

POTENTIAL FOR ACCUMULATION:

No information available

SECTION IV. FIRST AID MEASURES

SKIN	Immediately wash with water and soap and rinse thoroughly.
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 , sand, extinguishing powder. Do not use water.
For safety reasons unsuitable extinguishing agents	water with full jet
Special hazards caused by the material, it's products of combustion or resulting gases	Can form explosive gas-air mixtures.
Protective equipment	Do not inhale explosion gases or combustion gases
Additional information	Cool endangered receptacles with water spray

SECTION VI. ACCIDENTAL RELEASE MEASURES**PERSON-RELATED SAFETY PRECAUTIONS:**

Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources
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).
Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents

SECTION VII. HANDLING AND STORAGE

HANDLING:

Information for safe handling:

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Protect from heat.
Use explosion-proof apparatus / fittings and spark-proof tools.
Fumes can combine with air to form an explosive mixture.

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:

Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

HANDS	<p>The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation</p> <p>Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.</p> <p>Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</p> <p>For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable: Butyl rubber, BR</p>
RESPIRATORY	Use suitable respiratory protective device in case of insufficient ventilation.
EYES	Tightly sealed goggles

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM	Liquid
COLOR	Grey
ODOR	Characteristic
IGNITION POINT	513 °F (267 °C)
FLASH POINT	50 °F (10 °C)
BOILING POINT	214 °F (101 °C)
MELTING POINT	Undetermined
AUTO IGNITING	Product is not self igniting
DANGER OF EXPLOSION	Product is not explosive. However, formation of explosive air/vapor mixtures is possible.
EXPLOSION LIMITS	Lower: 1.1 Vol. %; Upper: 7.8 Vol. %
VAPOR PRESSURE	5.3 hPa (4 mm Hg) @ 68°F (20 °C)
VISCOSITY	3500 mPas @ 68°F (20 °C)

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN MISCIBILITY WITH WATER	Not miscible or difficult to mix
DENSITY	1.7 - 1.8 g/cm ³ @ 68°F (20 °C)
SOLVENT CONTENT - VOC CONTENT	0.1%
SOLIDS CONTENT	80.0%

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

No decomposition if used according to specifications

INCOMPATIBILITY:

Reacts with peroxides and other radical forming substances.

HAZARDOUS DECOMPOSTION PRODUCTS:

No decomposition if used according to specifications.

SECTION XI. TOXICOLOGICAL INFORMATION• **Acute toxicity:**• **Primary irritant effect:**

• **on the skin:** No irritant effect.

• **on the eye:** No irritating effect.

• **Sensitization:** Sensitization possible through skin contact.

• **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

SECTION XII. ECOLOGICAL INFORMATION**Environmental effects:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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

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

• **Uncleaned packagings:**

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

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

Hazard class

3

Identification number

UN1263

Packing group

III




Proper shipping name (technical name)

PAINT

Label

3

SECTION XIV. TRANSPORTATION INFORMATION

<p>LAND TRANSPORT ADR/RID (cross border):</p>  <p>ADR/RID class: Danger Coade (Kemler) UN-Number Packing group Label Description of goods</p>	<p>3 Flammable liquids 33 1263 III 3 1263 PAINT</p>
<p>MARITIME TRANSPORT IMDG:</p>  <p>IMDG class: UN Number Label Packing group EMS Number Marine pollutant Proper shipping name</p>	<p>3 1263 3 III F-E, S-E No PAINT</p>
<p>AIR TRANSPORT ICAO-TI AND IATA-DGR:</p>  <p>ICAO/IATA class: UN/ID Number Label Packing group Proper shipping name</p>	<p>3 1263 3 III PAINT</p>

SECTION XV. REGULATORY INFORMATION

SARA	
<p>Section 355 (extremely hazardous substances): None of the ingredient is listed</p>	
<p>Section 313 (Specific toxic chemical listings):</p>	
141-32-2	n-butyl acrylate
80-62-6	methyl methacrylate
<p>TSCA (Toxic Substances Control Act): All ingredients listed</p>	
PROPOSITION 65	
<p>Chemicals known to cause cancer: None of the ingredients is listed</p>	
<p>Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed</p>	
<p>Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed</p>	

SECTION XV. REGULATORY INFORMATION

SARA

Chemicals known to cause developmental toxicity:

None of the ingredients is listed

CANCEROGENITY CATEGORIES

EPA (Environmental Protection Agency)

80-62-6	methyl methacrylate	E;NL
---------	---------------------	------

IARC (International Agency for Research on Cancer)

14808-60-7	Quartz (SiO ₂)	1
141-32-2	n-butyl acrylate	3
60676-86-0	Silica, fused	3
80-62-6	methy methacrylate	3
13463-67-7	titanium dioxide	3
103-11-7	2-ethylhexyl acrylate	3
7631-86-9	silicon dioxide, chemically prepared	3

NTP (National Toxicology Program)

14808-60-7	Quartz (SiO ₂)	K
------------	----------------------------	---

TLV (Threshold Limit Value established by ACGIH)

14808-60-7	Quartz (SiO ₂)	A2
141-32-2	n-butyl acrylate	A4
80-62-6	methyl methacrylate	A4
13463-67-7	titanium dioxide	A4
1314-23-4	zirconium dioxide	A4

NIOSH-Ca (National Institute for Occupational Safety and Health)

14808-60-7	Quartz (SiO ₂)
60676-86-0	Silica, fused
13463-67-7	titanium dioxide

OHSA-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
Highly flammable

• Hazard-determining components of labelling:

n-butyl acrylate
methyl methacrylate
2-ethylhexyl acrylate

• Risk phrases:

Highly flammable.
May cause sensitisation by skin contact.

• Safety phrases:

Keep container in a well-ventilated place.
Avoid contact with skin and eyes.
Wear suitable gloves.

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

SECTION XVI. OTHER INFORMATION

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.