



# MATERIAL SAFETY DATA SHEET

# ALSAN FLEX SELECT PRIMER

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;"><b>1</b></td><td style="text-align: center;"><b>HEALTH</b></td></tr> <tr style="background-color: #ff0000; color: white;"><td style="text-align: center;"><b>0</b></td><td style="text-align: center;"><b>FLAMMABILITY</b></td></tr> <tr style="background-color: #ff8c00; color: white;"><td style="text-align: center;"><b>0</b></td><td style="text-align: center;"><b>REACTIVITY</b></td></tr> <tr style="background-color: #cccccc;"><td style="text-align: center;"><b>B</b></td><td style="text-align: center;"><b>PROTECTIVE EQUIPMENT</b></td></tr> </table>	<b>1</b>	<b>HEALTH</b>	<b>0</b>	<b>FLAMMABILITY</b>	<b>0</b>	<b>REACTIVITY</b>	<b>B</b>	<b>PROTECTIVE EQUIPMENT</b>		<p style="font-size: 1.2em;"><b>Not regulated</b></p>
<b>1</b>	<b>HEALTH</b>									
<b>0</b>	<b>FLAMMABILITY</b>									
<b>0</b>	<b>REACTIVITY</b>									
<b>B</b>	<b>PROTECTIVE EQUIPMENT</b>									

## SECTION II. CHEMICAL PRODUCT AND COMPANY INFORMATION

<b>Product name:</b>	Alsan FLEX Select Primer
<b>Use:</b>	Waterproofing SEBS resin
<b>Manufacturer:</b>	Soprema, Inc. 310 Quadral Drive Wadsworth, Ohio 44281 UNITED STATES
<b>Distributor:</b>	Soprema, Inc. 310 Quadral Drive Wadsworth, Ohio 44281 UNITED STATES
<b>In case of emergency:</b>	SOPREMA (8:00am to 5:00pm - Eastern time): (800) 356-3521 CHEMTREC (USA) (24h.): (800) 424-9300 Point Center: (800) 222-1222

### EMERGENCY OVERVIEW!!!

Caution! Harmful if swallowed. May cause eye and skin irritation.

## SECTION II. COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS

Component	CAS#	%	LD50 (mg/kg)
Acrylic co-polymer	Not established	20 +/- 5	
Filler & extenders	Mixture	30 +/- 5	
Tetrachloroisophthalonitrile (biocide)	187-45-6	1 +/- 0.5	Oral (rat) - 1620 Dermal (rabbit) -> 2000
Water	7731-18-5	50 +/- 5	

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

Inhalation  Skin contact  Eye contact  Skin absorption  Ingestion

**Emergency Overview:** Caution! Harmful if swallowed. May cause eye and skin irritation.

**Potential Health Effects:** Eye contact may cause conjunctivitis, irritation, tearing. Skin contact may cause irritation or inflammation. Allergic skin reaction may occur. Not expected to be an inhalation hazard. Ingestion is considered unlikely.

**SECTION IV. FIRST AID MEASURES**

<b>SKIN</b>	Remove contaminated clothing and wash with water and soap. Seek medical attention if irritation persists.
<b>EYES</b>	In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
<b>INHALATION</b>	Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, seek immediate medical attention.
<b>INGESTION</b>	Do not induce vomiting. Call a physician immediately.

**SECTION V. FIRE-FIGHTING MEASURES**

<b>Flash point</b>	Not applicable
<b>Extinguishing media</b>	Use carbon dioxide, dry powder or foam
<b>Unusual fire or explosion hazards</b>	Water may cause frothing.
<b>Hazardous combustion products:</b>	Hydrogen sulphide (H <sub>2</sub> S), carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> ) and oxides of sulfur (SOX).

**SECTION VI. ACCIDENTAL RELEASE MEASURES**

**Leak & Spill Procedure:** If facility or operation has an "oil or hazardous substance contingency plan", activate the procedure. Isolate hazard area and deny entry. Shut off all sources of ignition and keep unnecessary people away. Ventilate confined spaces. Avoid skin contact and breathing vapors. Recover free product, add limestone, earth or other suitable absorbents. Do not flush into sewers or natural waterways.

**SECTION VII. HANDLING AND STORAGE****Handling:**

Wear personal protective equipment. Store in a cool, dry area away from heat and corrosion sources. Keep containers tightly closed when not in use.

**Storage:**

Store in a cool, dry area away from heat and corrosion sources. Keep containers tightly closed when not in use.

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

<b>SKIN</b>	Impervious clothing to prevent skin contact		
<b>PROTECTIVE GLOVES</b>	Impervious		
<b>RESPIRATORY</b>	Not applicable		
<b>EYES</b>	OSHA approved glasses, goggles or full-face shield. Have eye baths readily available. Do not wear contact lenses.		
<b>VENTILATION</b>	Local exhaust:	Recommended to minimize exposure.	
	Mechanical (general):	Recommended to minimize exposure.	

**SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES**

<b>MELTING POINT</b>	Not applicable	<b>DENSITY (lb/gal)</b>	> 8.4
<b>SOLUBILITY IN WATER</b>	Insoluble but miscible in water	<b>pH</b>	Approx. 8.0 - 10.0
<b>APPEARANCE/PHYSICAL STATE</b>	Translucent blue-green, thin liquid	<b>ODOR</b>	Mild ammonia
<b>FORM</b>	Thin liquid	<b>COLOR</b>	Translucent blue-green

**SECTION X. STABILITY AND REACTIVITY****STABILITY:**

Stable

**INCOMPATIBILITY:**

Strong oxidizers

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Hydrogen sulphide, carbon monoxide, carbon dioxide and oxides of sulfur.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**SECTION XI. TOXICOLOGICAL INFORMATION***Effects of Short-Term (Acute) Exposure*

Oral – rat LD50 (mg/kg):	Biocide	1620
Dermal – rabbit LD50 (mg/kg):	Biocide	>2000
Eye Irritation – rabbit:		No data available
Skin irritation – rabbit (24-hr exposure):		No data available

**Carcinogenicity**

NTP o      IARC o      OSHA o      ACGIH o

**Reproductive toxicity:** Not available**SECTION XII. ECOLOGICAL INFORMATION****Aquatic Toxicity:** Not available.

This product may cause adverse environmental effects if used improperly or released to the environment through a spill. Employ best management practices to prevent this material from entering storm sewers, waterways or otherwise impacting plant and animal species.

**SECTION XIII. DISPOSAL CONSIDERATIONS****Waste disposal:**

Dispose in accordance with local, state and federal environmental regulations.

This product, when discarded or disposed, is not specifically listed as a hazardous waste in federal regulations. It could be designated as a hazardous waste according to state regulations. This product could also become a hazardous waste if it is mixed with or comes in contact with a hazardous waste. If such contact occurs, consult 40CFR, to determine whether it is a hazardous waste.

**SECTION XIV. TRANSPORTATION INFORMATION****US DOT:** Not classified as a hazardous material under HM-181.**SECTION XV. REGULATORY INFORMATION****TSCA Inventory Status:** Not determined.**SARA 313**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372: Not applicable

**SARA Sections 311 & 312**

Superfund Amendments &amp; Reauthorization Act of 1986 Title III: Not applicable

**CALIFORNIA PROPOSITION 65:**

This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.

**HMIS Classification:** HEALTH 1, FLAMMABILITY 0, REACTIVITY 0

## 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 concentration<sub>50</sub>) Concentration of a substance in air that causes death of 50% mortality of a defined animal population  
LD50: (Lethal dose<sub>50</sub>) 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.**