

SOPRASEAL LM 204 VP

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 09/23/2016

Revision date: 10/03/2016

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

1.1. Product identifier

Product form : Mixture
Product name : SOPRASEAL LM 204 VP

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

Use of the substance/mixture : Polymeric, solvent free, low VOC adhesive

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)

Aspiration toxicant Category 1
Irritant Category 2

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

GHS08

Signal word (GHS-US) : Danger
Hazard statements (GHS-US) : H315 - Causes skin irritation
H304 – May be fatal if swallowed and enters airways.
H317 - May cause an allergic skin reaction
H318 – Causes serious eye damage. Causes skin irritation.

Precautionary statements (GHS-US) : P273 – Avoid release to the environment
P280 – Wear protective gloves/protective clothing/eye protection
P302+P352 – IF ON SKIN: Wash with plenty of soap and hot water
P331 – Do NOT induce vomiting.

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R-phrases	P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician P305+P351 – IF IN EYES: Rinse cautiously with water for several minutes. +P338 – Remove contact lenses, if present and easy to do. Continue rinsing.
S-phrases	P405 – Store locked up P501 – Dispose of contents/container in accordance with local regulation.
	R38 Irritating to skin R41 Risk of serious damage to eyes. R43 May cause sensitization by skin contact.
	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S39 Wear eye/face protection

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%
Amino silane	(CAS No) 1760-24-3	1-3
Distillates (petroleum), Hydrotreated light	(CAS No) 64742-47-8	3-7

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.
First-aid measures after skin contact	: Clean product from affected area with Ethyl alcohol, then wash with soap and water.
First-aid measures after eye contact	: Flush with large amounts of water for at least 15 minutes. Consult a Physician if ill effects or irritation occurs.
First-aid measures after ingestion	: An unlikely route of entry. Seek immediate medical attention. Do not induce vomiting.

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

Symptoms/injuries	: No information available
Symptoms/injuries after inhalation	: No information available
Symptoms/injuries after skin contact	: No information available

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

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray.
Unsuitable extinguishing media	: No information available

5.2. Special hazards arising from the substance or mixture

Hazardous Combustion Products	: Thermal decomposition may produce toxic fumes of Carbon Monoxide, Carbon dioxide, Sulfur oxides and Hydrogen sulfide
Unusual Fire and Explosion Hazards	: None
Flashpoint	: 95°C (200°F) [ASTM D-93]
Upper flammable limit	: 4.9 (based on Isopar M)
Lower flammable limit	: 0.6 (based on Isopar M)
Autoignition temperature	: 215°C (419°F)
Sensitivity to impact	: Not applicable

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Sensitivity to static discharge : Not applicable

5.3. Advice for firefighters

Firefighting instructions : Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Use personal protection recommended in section 8. Avoid eye, skin and clothing contact.

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 : Collect spill with absorbent material such as cardboard, allow to cure and place into a container approved for waste disposal.

6.4. Reference to other sections

Follow applicable OSHA regulations (29 CFR 1910.120).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source). When the material is handled in bulk, an electrical spark could ignite any flammable vapors from liquids or residues that may be present (e.g., during switch-loading operations). Use proper bonding and/or ground procedures. However, bonding and grounds may not eliminate the hazard from static accumulation. Consult local applicable standards for guidance. Additional references include American Petroleum Institute 2003 (Protection Against Ignitions Arising out of Static, Lightning and Stray Currents) or National Fire Protection Agency 77 (Recommended Practice on Static Electricity) or CENELEC CLC/TR 50404 (Electrostatics - Code of practice for the avoidance of hazards due to static electricity).

Loading/Unloading Temperature : [Ambient]

Transport Temperature : [Ambient]

Transport Pressure : [Ambient]

Static Accumulator : This material is a static accumulator. A liquid is typically considered a nonconductive, static accumulator if its conductivity is below 100 pS/m (100x10E-12 Siemens per meter) and is considered a semiconductive, static accumulator if its conductivity is below 10,000 pS/m. Whether a liquid is nonconductive or semiconductive, the precautions are the same. A number of factors, for example liquid temperature, presence of contaminants, anti-static additives and filtration can greatly influence the conductivity of a liquid.

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

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool dry area (this product polymerizes when in contact with moisture.)

Storage Temperature : [Ambient]

Storage Pressure : [Ambient]

Suitable Containers/Packing : Tankers; Tank Trucks; Railcars; Barges; Drums

Suitable Materials and Coatings (Chemical Compatibility): Neoprene; Epoxies; Epoxy Phenolics; Polyamide; Polyethylene; Polypropylene; Polyester; Teflon; Carbon Steel; Stainless Steel

Incompatible products : No information available

Incompatible materials : Natural Rubber; Ethylene-propylene-diene monomer (EPDM); Polystyrene; Butyl Rubber

7.3. Specific end use(s)

Product is not considered flammable under normal conditions, and product is not considered explosive

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No information available

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8.2. Exposure controls

Hand protection	: Wear impervious gloves such as vinyl to minimize contact with skin.
Eye protection	: Wear safety glasses or goggles to avoid eye contact.
Skin and body protection	: Wear impervious gloves such as vinyl to minimize contact with skin.
Environmental exposure control	: No specific controls are needed.
Respiratory protection	: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include: Half-face filter respirator. For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapor warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Paste
Appearance	: Paste
Color	: Blue
Odor	: Mild mint scent
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	: No data available
Flash point	: 95°C (200°F)
Auto-ignition temperature	: 215°C (419°F)
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: <1
Relative vapor density at 20 °C (air=1)	: >1
Density	9.914 lb/gal (calculated)
Specific Gravity	: ≈ 1.188
Solubility	: Insoluble in water.
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	: <75 g/L
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SECTION 10: Stability and reactivity

10.1. Reactivity

Considered stable

10.2. Chemical stability

Considered stable

10.3. Possibility of hazardous reactions

Not established.

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10.4. Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources

10.5. Incompatible materials

Strong oxidizers

10.6. Hazardous decomposition products

May produce toxic fumes of CO and/or CO₂

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Amino silane (1760-24-3)	
Oral – Result:	LD50 > 2000 mg/kg. Remark: Very low order of toxicity.
Skin Absorption – Result:	LD50 > 2,000 mg/kg. Remark: Very low order of toxicity.
Skin Direct contact – Result:	Slight irritation.
Eye Direct contact – Result:	Severe irritation. Remark: Causes corneal injury.
Inhalation – Result:	LC50 Not acutely Toxic.
Exposure Limits –	Not applicable.
Sensitization –	No.
Reproductive Toxicity –	No.
Mutagenicity –	No.
Teratogenicity –	No.
Synergistic Products –	None.
Distillates (petroleum), Hydrotreated light (64742-47-8)	
Inhalation	
Acute Toxicity: (Rat) 4 hour(s) LC50 > 5000 mg/m ³ (Vapor)	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 403
Irritation: No end point data for material.	Negligible hazard at ambient/normal handling.
Ingestion	
Acute Toxicity (Rat): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD
Skin	
Acute Toxicity (Rabbit): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 402
Skin Corrosion/Irritation: Data available.	May dry the skin leading to discomfort and dermatitis. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 404
Eye	
Serious Eye Damage/Irritation: Data available.	May cause mild, short-lasting discomfort to eyes. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 405
Sensitization	
Respiratory Sensitization: No end point data for material.	Not expected to be a skin sensitizer.
Skin Sensitization: Data available.	Not expected to be a skin sensitizer. Based on test
Aspiration	
Data available	May be fatal if swallowed and enters airways. Based
Germ Cell Mutagenicity	
Data available	Not expected to be a germ cell mutagen.
Carcinogenicity	
Data available	Not expected to cause cancer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 453
Reproductive Toxicity	
Data available	Not expected to be a reproductive toxicant. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 414 421 422
Lactation	
No end point data for this material	Not expected to cause harm to breast-fed children.
Specific Target Organ Toxicity (STOT)	
Single Exposure: No end point data for material.	Not expected to cause organ damage from a single exposure.

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Repeated Exposure: Data available.	Not expected to cause organ damage from prolonged or repeated exposure. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 408 413 422
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Carinogenicity This product contains no ingredient listed as a carcinogen on California Proposition 65 list.

SECTION 12: Ecological information

12.1. Toxicity

No known applicable information

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer : No additional information available

Effect on the global warming : No known ecological damage caused by this product.

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. This product becomes a firm synthetic rubber when cured. Please allow to cure before disposal. Dispose in a safe manner in accordance with local/national regulations. Dispose of container in accordance with local, regional or national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

Additional information

Other information : No supplementary information available.

ADR

Transport document description :

Transport by sea

Not regulated for transport

Air transport

Not regulated for transport

SECTION 15: Regulatory information

15.1. US Federal regulations

US Regulatory Information

OSHA 29 CFR 1910-1200 – Amino Silane is considered an Irritant, Distillates are considered hazardous.

TSCA – All components of this product are listed on TSCA Inventory.

CERCLA Reportable Quantity – Not applicable.

SARA Title III:

Section 302 Extremely Hazardous Substances – None.

Section 304 – Not applicable.

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Section 311/312 – Immediate (acute) health hazard. Delayed health.

Section 313 – None.

RCRA – Refer to section 13.

California Proposition 65 Carcinogens: This product does not contain any chemicals known by the State of California to cause cancer.

California Proposition 65 Reproductive Toxins: This product does not contain any chemicals known by the State of California to cause reproductive harm.

15.2. International regulations

CANADA

WHIMS Classification – D2B

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

Rotterdam Convention (PIC) Annex III: listed (Tributyl tin compounds (impurities) <2ppm)

15.2.2. National regulations

No additional information available

15.3. US State regulations

NJ RTK : Distillates (Petroleum), Hydrotreated light CAS# 64742-47-8

PA RTK : Distillates (Petroleum), Hydrotreated light CAS# 64742-47-8

SECTION 16: Other information

Revision date : 10/03/2016

Other information : None.

This Product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

SDS US (GHS HazCom 2012) - Custom

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.