






**MATERIAL SAFETY DATA SHEET**  
**HIGH VELOCITY SOPRASTAR**  
**LAP ADHESIVE (HVSLA) Part A**

WHMIS	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS
		 <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> <p><b>ISOCYANATES</b>  <b>Class 6.1</b>  <b>UN2206</b>  <b>P.G.: II</b></p> </div>

**SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** High Velocity Soprastar Lap Adhesive (HVSLA) – Part A  
**Use:** Adhesive

**Code of MSDS:** EU U WAD SS FS 001  
**Formula number:** Not applicable  
**Revision date:** November 12, 2007  
**Revised by:** Doug Smith, Health and Safety Supervisor  
 (800) 356-3521  
 dsmith@soprema.us

**Distributor:** Soprema USA  
 310 Quadral Drive  
 Wadsworth (Ohio) 44281  
 UNITED STATES  
 Tel.: (800) 356-3521

**In case of emergency:**  
**SOPREMA (8:00am to 5:00pm – Eastern time):** (800) 356-3521  
**CHEMTREC (USA) (24h.):** (800) 424-9300  
**Poison Control Centre:** Consult local telephone directory

**EMERGENCY OVERVIEW**

Straw-colored viscous liquid with negligible odor. This product is harmful by inhalation, when in contact with the skin and if it is swallowed. This product may cause sensitization by inhalation and skin contact. Repeated inhalation of vapors may cause an allergic respiratory response, the onset of which may be delayed several hours after exposure. Avoid contamination. Water reacts with product liberating CO<sub>2</sub> gas.

**SECTION II. COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS**

NAME	CAS #	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV-TWA	TLV-STEL
<b>Polyurethane Polymer</b>	Trade secret	40.0 – 60.0	Not available	Not available
<b>Methylene bisphenyl isocyanate (MDI)</b>	101-68-8	15.0 – 40.0	0.005 ppm	Not available
<b>Diisodecyl phthalate (mixed isomers)</b>	68515-49-1	10.0 – 30.0	Not available	Not available
<b>Methylenebis (isocyanato-) benzene</b>	26447-40-5	5.0 – 10.0	0.005 ppm	Not available
<b>Benzene methylenebis [isocyanato- (homopolymer)]</b>	39310-05-9	1.0 – 5.0	0.005 ppm	Not available
<b>Dimethyl silicone polymer with silica</b>	67762-90-7	1.0 – 5.0	Not available	Not available

**SECTION III. POTENTIAL HEALTH EFFECTS**

<b>EYES:</b>	This product is irritating to the eyes. Symptoms include itching, burning, redness and tearing.
<b>SKIN:</b>	This product is irritating to the skin. This product may cause an allergic skin reaction.
<b>INGESTION:</b>	Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>INHALATION:</b>	Allergic lung reaction such as asthma, which includes coughing, wheezing, chest pain and tightness, difficulty breathing and shortness of breath; irritation of the upper respiratory tract, which includes burning of mouth, throat, and chest.

**SECTION IV. FIRST AID MEASURES**

<b>INHALATION:</b>	Leave area to breathe fresh air. Oxygen therapy may be necessary, seek medical attention if needed. Immediate or delayed asthma-like symptoms may develop. Should be observed by physician immediately if overexposure is severe.
<b>EYES:</b>	Flush immediately with running water for 15 minutes, lifting the upper and lower lids occasionally. Get medical attention immediately.
<b>INGESTION:</b>	Get medical attention immediately. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions.
<b>SKIN:</b>	Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

**SECTION V. FIRE-FIGHTING MEASURES**

<b>FLASH POINT:</b>	> 200°F (93°C)
<b>METHOD:</b>	PM cc
<b>FLAMMABILITY LIMITS IN AIR:</b>	N/A
<b>AUTO-IGNITION TEMPERATURE:</b>	Not established
<b>FIRE AND EXPLOSION HAZARDS:</b>	N/A
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Irritating and/or toxic gases or fumes may be generated by thermal decomposition or combustion. Approach fire from upwind. Evacuate area and fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Always stay away from containers because of the high risk of explosion. Wear self-contained breathing apparatus and appropriate protective clothing in accordance with standards. Stop leak before attempting to put out the fire. Move containers from fire area if this can be done without risk. If leak cannot be stopped, and if there is no risk to the surrounding area, let the fire burn itself out. Cool containers with flooding quantities of water until well after fire is out.
<b>COMBUSTION PRODUCTS:</b>	Carbon oxides, nitrogen oxides, hydrocarbons, HCN and isocyanates.
<b>EXTINGUISHING MEDIA:</b>	Dry chemical powder, CO <sub>2</sub> foam.
<b>OTHER PRECAUTIONS:</b>	None

**SECTION VI. ACCIDENTAL RELEASE MEASURES**

<b>RELEASE OR SPILL:</b>	Ventilate area. Wear appropriate protective equipment during cleanup. Eliminate all sources of ignition. Shut off source of leak if you can do it without risk. Contain the spill. Absorb with absorbents or cover with dry earth, sand or other non-combustible material and transfer to containers. Sweep or shovel into containers with lids, use clean non-sparking tools to collect absorbed material. Cover and remove to appropriate well-ventilated area until disposal. Wash spill area with soap and water. Prevent entry into waterways, sewers, and basements. Dispose of this product according to environmental regulations.
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**SECTION VII. HANDLING AND STORAGE****HANDLING PROCEDURES:**

Avoid contact with skin and eyes. Do not breathe vapors. Wear proper personal protective equipment. Avoid contact with water. Do not re-seal contaminated product as a hazardous build-up of pressure may result from liberation of CO<sub>2</sub> gas. Avoid contact with metals such as aluminum, brass, copper, galvanized metals, tin and zinc.

**STORAGE PROCEDURES:**

Keep containers properly sealed in a cool, dry, well-ventilated area between 65-85°F (18.3-29.4°C). Do not store in open, unlabeled or mislabelled containers. Do not reuse empty container without commercial cleaning or reconditioning.

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

<b>HANDS:</b>	Wear chemical resistant gloves.
<b>RESPIRATORY:</b>	Use a NIOSH-approved organic vapor respirator to protect against inhalation of vapors. A respirator should be used if ventilation is unavailable, or is inadequate for keeping vapor levels below the applicable exposure limits.
<b>EYES:</b>	Wear chemical goggles; add face shield (if splashing is possible).
<b>SKIN:</b>	The use of neoprene, nitrile rubber or butyl rubber gloves is recommended.
<b>GENERAL:</b>	Eye wash fountain and emergency showers are recommended.
<b>ENGINEERING CONTROLS:</b>	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES**

<b>ODOUR:</b>	Negligible
<b>COLOR:</b>	Straw-colored
<b>PHYSICAL STATE:</b>	Viscous liquid
<b>pH:</b>	Not available
<b>VAPOR PRESSURE:</b>	Not available
<b>VAPOR DENSITY:</b>	Not available
<b>BOILING POINT:</b>	Not available
<b>MELTING POINT:</b>	Not available
<b>FREEZING POINT:</b>	Not available
<b>SOLUBILITY IN WATER (H<sub>2</sub>O):</b>	Reacts with water
<b>SPECIFIC GRAVITY:</b>	1.10
<b>% VOLATILE:</b>	< 0.15%
<b>VISCOSITY:</b>	6700 cps @ 75°F

**SECTION X. STABILITY AND REACTIVITY**

<b>STABILITY:</b>	Stable at room temperature. Reaction with water (moisture) produces CO <sub>2</sub> gas. Exothermic reaction with materials containing active hydrogen groups.
<b>CONDITIONS TO AVOID:</b>	Avoid high temperatures. Avoid contact with water. Avoid contamination. Avoid contact with metals such as aluminum, brass, copper, galvanized metals, tin and zinc.
<b>INCOMPATIBILITY:</b>	Water, alcohols, amines, bases and acids.
<b>HAZARDOUS DECOMPOSITION:</b>	Carbon oxides, nitrogen oxides, hydrocarbons, HCN and isocyanates.
<b>CONDITIONS TO AVOID POLYMERIZATION:</b>	Polymerization will occur at elevated temperatures in the presence of alkalis, tertiary amines and metal compounds.

**SECTION XI. TOXICOLOGICAL INFORMATION**

<b>TOXICOLOGICAL DATA:</b>		
<b>MDI:</b>	LD50 (oral, rat):	9200 mg/kg
<b>Diisodecyl phthalate:</b>	LD50 (oral, rat):	> 60000 mg/kg
	LD50 (dermal, rabbit):	16000 mg/kg
<b>Methylenebis (isocyanato) benzene:</b>	LC50 (inhalation, rat):	0.369 mg/L (4-hour exposure)
	LD50 (dermal, rabbit):	> 6200 mg/kg

**Effects of Short-Term (Acute) Exposure**

<b>INHALATION:</b>	This product is harmful by inhalation. This product may cause sensitization by inhalation. Repeated inhalation of vapors may cause an allergic respiratory response, the onset of which may be delayed several hours after exposure.
<b>SKIN CONTACT:</b>	This product is harmful in contact with the skin. This product may cause sensitization by skin contact.
<b>EYES CONTACT:</b>	This product is irritating to the eyes. Symptoms include itching, burning, redness and tearing.

**SECTION XI. TOXICOLOGICAL INFORMATION****INGESTION:**

This product is harmful if it is swallowed. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

*Effects of Long-Term (Chronic) Exposure***INHALATION:**

Repeated or prolonged exposure to MDI may result in isocyanate sensitization (chemical asthma) in some individuals, causing them to react to isocyanate exposure at concentrations below the established exposure limits. Symptoms include chest tightness, wheezing, coughing, and shortness of breath. Effects can be delayed. Overexposure can cause lung damage, including decreased lung function. Lung injury has been observed in laboratory animals after repeated excessive exposure to MDI/polymeric MDI aerosol droplets. Lung tumors have been observed in laboratory animals exposed to aerosol droplets of MDI/polymeric MDI (6mg/m) for their lifetime. tumors occurred concurrently with respiratory irritation and lung injury. Current exposure guidelines are expected to protect against these effects.

**SKIN CONTACT:**

Prolonged or repeated skin contact may cause irritation leading to dermatitis. Skin sensitization may also occur.

**CARCINOGENICITY:**

**MDI:** According to IARC: Group 3: not classifiable.

**Methylenebis (isocyanato) benzene:** According to IARC: Group 3: not classifiable

**SECTION XII. ECOLOGICAL INFORMATION****ENVIRONMENTAL EFFECTS:**

No information available for the product. Product is immiscible with water.

**SECTION XIII. DISPOSAL CONSIDERATIONS****US EPA WASTE NUMBER & DESCRIPTIONS:**

Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes. No EPA Waste Numbers are applicable for this product's components.

**DISPOSAL INSTRUCTIONS:**

Dispose of waste material according to Local, State, federal, and Provincial Environmental Regulations.

**SECTION XIV. TRANSPORT INFORMATION****US DOT INFORMATION:**

**Shipping Name:** Isocyanates, Toxic, NOS (Diphenylmethane diisocyanate (MDI) solution)  
**UN/NA #:** UN2206  
**Hazard Class:** 6.1  
**Packing Group:** II

**TDG INFORMATION:**

**Shipping Name:** Isocyanates, Toxic, NOS (Diphenylmethane diisocyanate (MDI) solution)  
**UN/NA #:** UN2206  
**Hazard Class:** 6.1  
**Packing Group:** II

**SECTION XV. REGULATORY INFORMATION**

**WHMIS:** D2A: Very toxic material causing other effects.  
D2B: Toxic material causing other effects.

**TSCA STATUS:** On the TSCA Inventory.

**OSHA STATUS:** N/A

**TARGET ORGANS:** N/A

**OSHA HAZARDOUS COMPONENTS:**

Methylenebis Phenylisocyanate (101-68-8)

Not classified as a carcinogen with NTP, ACGIH, or IARC.

Classified by IARC in Group 3 (not classifiable as to its carcinogenicity to humans)

**SARA 311 RATINGS**

Immediate Health Hazard	Y
Delayed Health Hazard	Y
Fire Hazard	N
Reactivity Hazard	Y
Sudden Release of Pressure Hazard	Y

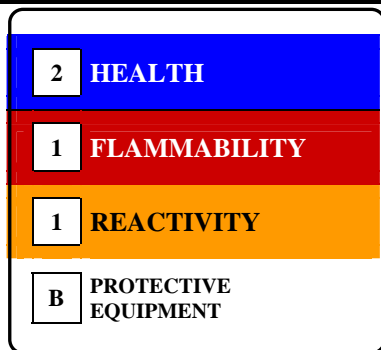
**SARA 313 INGREDIENTS**

Methylene Bis (phenylisocyanate (101-68-8)

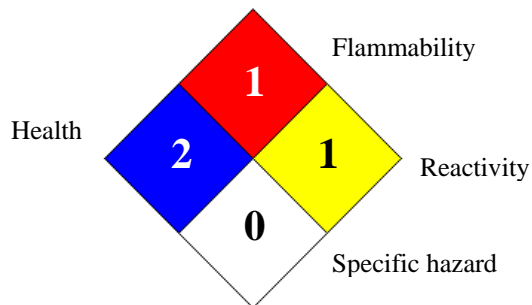
Proposition 65 Ingredients – Chemicals known to the State of California to cause birth defects or other reproductive harm: Yes  
(CAS: 68515-49-1)

**SECTION XV. REGULATORY INFORMATION**

**HMIS (USA):**



**NFPA (USA):**



**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)

**References:**

Material Safety Data Sheet of supplier

**For more information:** **SOPREMA** 1-800-356-3521

The Material Safety Data Sheets of SOPREMA are available on Internet at the following site: <http://www.soprema.us>

**Justification of the update:**

- New product.

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.

**FOR INDUSTRIAL USE ONLY. Keep out of reach of children. 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.**



MATERIAL SAFETY DATA SHEET  
**HIGH VELOCITY SOPRASTAR  
 LAP ADHESIVE (HVSLA) Part B**

WHMIS	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS
		<p><b>Not regulated</b></p>

**SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** High Velocity Soprastar Lap Adhesive (HVSLA) – Part B  
**Use:** Urethane sealant.

**Code of MSDS:** EU U WAD SS FS 001  
**Formula number:** Not applicable  
**Revision date:** November 12, 2007  
**Revised by:** Doug Smith, Health and Safety Supervisor  
 (800) 356-3521  
 dsmith@soprema.us

**Distributor:** Soprema USA  
 310 Quadral Drive  
 Wadsworth (Ohio) 44281  
 UNITED STATES  
 Tel.: (800) 356-3521

**In case of emergency:**

SOPREMA (8:00am to 5:00pm – Eastern time): (800) 356-3521  
 CHEMTREC (USA) (24h.): (800) 424-9300  
 Poison Control Centre: Consult local telephone directory

**EMERGENCY OVERVIEW**

Black viscous liquid with negligible odor. Irritating to eyes, skin and lungs. May cause allergic skin reactions.  
 May be harmful if swallowed.

**SECTION II. COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS**

NAME	CAS #	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV-TWA	TLV-STEL
<b>Polypropylene glycol</b>	25322-69-4	30 – 60	Not available	Not available
<b>Polyol</b>	Not available	30 – 60	Not available	Not available
<b>Titanium Dioxide</b>	13463-67-7	5 – 10	10 mg/m <sup>3</sup>	Not available
<b>Dimethyl silicone polymer with silica</b>	67762-90-7	1 – 5	Not available	Not available
<b>Castor oil</b>	8001-79-4	1 – 5	Not available	Not available
<b>Carbon black</b>	1333-86-4	1 - 5	3.5 mg/m <sup>3</sup>	Not available
<b>N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine</b>	1760-24-3	0.1 – 1	Not available	Not available
<b>Bis (1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate</b>	41556-26-7	0.1 – 1	Not available	Not available

**SECTION III. POTENTIAL HEALTH EFFECTS**

**EYES:** This product is irritating to the eyes. Symptoms include itching, burning, redness and tearing.

**SKIN:** This product is irritating to the skin. This product may cause an allergic skin reaction.

**INGESTION:** Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**INHALATION:** This product may be harmful by inhalation.

**SECTION IV. FIRST AID MEASURES**

**INHALATION:** Move affected individual to an area free of risk from further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention.

**EYES:** Flush immediately with running water for 15 minutes, while holding eyelids open. Seek medical attention if symptoms persist.

**INGESTION:** If the material is swallowed, get medical attention or advice. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions.

**SKIN:** Wash exposed skin with soap and water. If irritation develops or persists, seek medical attention. Contaminated leather articles, including shoes, that cannot be decontaminated should be discarded.

**SECTION V. FIRE-FIGHTING MEASURES**

**FLASH POINT:** > 350°F (93°C)

**METHOD:** PM cc

**FLAMMABILITY LIMITS IN AIR:** Not available

**AUTO-IGNITION TEMPERATURE:** Not available

**FIRE AND EXPLOSION HAZARDS:** Cool containers with water spray. Containers may burst if overheated.

**FIRE FIGHTING EQUIPMENT/INSTRUCTIONS:**  
Firefighters should wear full protective clothing including self-contained breathing apparatus.

**COMBUSTION PRODUCTS:** Carbon oxides, nitrogen oxides, and other hydrocarbons.

**EXTINGUISHING MEDIA:** Use methods for the surrounding fire.

**SECTION VI. ACCIDENTAL RELEASE MEASURES****RELEASE OR SPILL:**

Wear appropriate personal protective equipment. Stop the flow of material, if this is without risk. Do not allow to drain to sewers. Ventilate the contaminated area. Absorb spill with inert material. Shovel material into appropriate container for further neutralization and disposal. Dispose of in accordance with federal, state and local regulations in a permitted waste management facility. Evacuate the area promptly. Keep upwind of the spilled material and isolate exposure. Avoid inhalation of vapors or mists. Surfaces may become slippery after a spill.

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

Avoid contact with skin and eyes. Do not breathe vapors. Wear proper personal protective equipment. Avoid contact with water.

**STORAGE PROCEDURES:**

Keep containers properly sealed in a cool, dry, well-ventilated area between 65-85°F (18.3-29.4°C). Do not store in open, unlabeled or mislabelled containers. Do not reuse empty container without commercial cleaning or reconditioning.

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

<b>HANDS:</b>	Wear chemical resistant gloves.
<b>RESPIRATORY:</b>	Use an approved organic vapor respirator to protect against inhalation of vapors. A respirator should be used if ventilation is unavailable, or is inadequate for keeping vapor levels below the applicable exposure limits.
<b>EYES:</b>	Wear chemical goggles; add face shield (if splashing is possible).
<b>SKIN:</b>	The use of neoprene, nitrile rubber or butyl rubber gloves is recommended.
<b>GENERAL:</b>	Eye wash fountain and emergency showers are recommended.
<b>ENGINEERING CONTROLS:</b>	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES**

<b>ODOUR:</b>	Negligible
<b>COLOR:</b>	Black
<b>PHYSICAL STATE:</b>	Viscous liquid
<b>pH:</b>	Not available
<b>VAPOR PRESSURE:</b>	Not available
<b>VAPOR DENSITY:</b>	Not available
<b>BOILING POINT:</b>	Not available
<b>MELTING POINT:</b>	Not available
<b>FREEZING POINT:</b>	Not available
<b>SOLUBILITY IN WATER (H<sub>2</sub>O):</b>	Not available
<b>SPECIFIC GRAVITY:</b>	1.02
<b>% VOLATILE:</b>	< 0.15%
<b>VISCOSITY:</b>	10,000 cps @ 75°F

**SECTION X. STABILITY AND REACTIVITY**

<b>STABILITY:</b>	Stable at room temperature.
<b>CONDITIONS TO AVOID:</b>	Avoid high temperatures. Avoid contact with water. Avoid contamination.
<b>INCOMPATIBILITY:</b>	Water, alcohols, amines, bases and acids.
<b>HAZARDOUS DECOMPOSITION:</b>	Carbon oxides, nitrogen oxides, and other hydrocarbons.
<b>CONDITIONS TO AVOID POLYMERIZATION:</b>	Will not occur.

**SECTION XI. TOXICOLOGICAL INFORMATION**

<b>TOXICOLOGICAL DATA:</b>			
<i>Polypropylene glycol:</i>	LD50 (oral, rat):	> 2 g/kg	
<i>Carbon black:</i>	LD50 (oral, rat):	> 15400 mg/kg	
	LD50 (dermal, rabbit):	> 3 g/kg	
<i>N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine:</i>	LC50 (oral, rat):	7460 µL/kg	
<i>Bis (1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate:</i>	LD50 (oral, rat):	2615 mg/kg	

*Effects of Short-Term (Acute) Exposure*

<b>INHALATION:</b>	Irritating to the lungs.
<b>SKIN CONTACT:</b>	Irritating to the skin. May cause allergic skin reactions.
<b>EYES CONTACT:</b>	Irritating to the eyes.
<b>INGESTION:</b>	May be harmful if it swallowed.

*Effects of Long-Term (Chronic) Exposure*

<b>CARCINOGENICITY:</b>	No additional information available.
<b>Carbon black:</b>	According to IARC: Group 2B: possibly carcinogenic to humans.

**SECTION XII. ECOLOGICAL INFORMATION**

<b>ENVIRONMENTAL EFFECTS:</b>	No information available for the product.
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**SECTION XIII. DISPOSAL CONSIDERATIONS**

<b>DISPOSAL INSTRUCTIONS:</b>	Avoid disposal, attempt to utilize preparation completely. Prior to disposal of unused preparation, consult an approved waste disposal operative to ensure regulatory compliance. Refer to local statutory requirements for proper disposal instructions.
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**SECTION XIV. TRANSPORT INFORMATION**

**Not regulated.**

**SECTION XV. REGULATORY INFORMATION**

**WHMIS:** D2A: Very toxic material causing other effects.  
D2B: Toxic material causing other effects.  
**TSCA STATUS:** On the TSCA Inventory.  
**OSHA STATUS:** Considered hazardous based on the following criteria: Irritant.  
**TARGET ORGANS:** Eyes

**OSHA HAZARDOUS COMPONENTS:**  
None

**SARA 311 RATINGS**

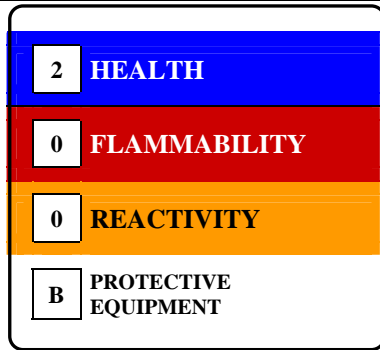
Immediate Health Hazard	Y
Delayed Health Hazard	Y
Fire Hazard	N
Reactivity Hazard	N
Sudden Release of Pressure Hazard	N

**SARA 313 INGREDIENTS**

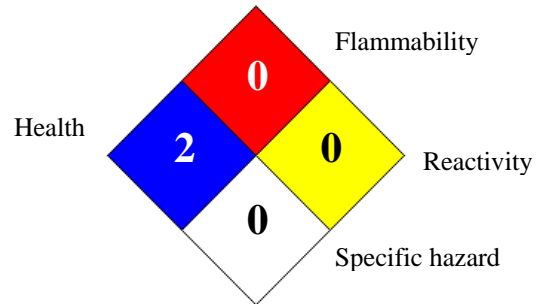
None

Proposition 65 Ingredients – Chemicals known to the State of California to cause cancer or birth defects or other reproductive harm:  
Carbon black

**HMIS (USA):**



**NFPA (USA):**



**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 dead of 50% mortality of a defined animal population  
**LD50:** (Lethal dose<sub>50</sub>) Single dose of a substance that, when administrated by a define 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)

**SECTION XVI. OTHER INFORMATION**

**References:**

Material Safety Data Sheet of supplier

**For more information:** SOPREMA 1-800-356-3521

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**Justification of the update:**

- New product.

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