

# SAFETY DATA SHEET

## HIGH-PERFORMANCE SATIN

### POLY-STAIN



#### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Supplier:</b>	Harris Group of Companies Wildey, St. Michael Barbados, BB14006 Tel: 246-429-4840	
<b>Product Code and Name:</b>	19/0211 and 19/2711 High-Performance Satin Poly-Stain	
<b>Manufacturer:</b>	Harris Group of Companies Wildey, St. Michael, Barbados, BB14006	
<b>General Information:</b>	Technical Department Harris Paints Barbados (2003) Limited	Tel: (246) 429-4840 Fax: (246) 436-9544  E-Mail: <a href="mailto:technical@harrispaintsonline.com">technical@harrispaintsonline.com</a>
<b>Product Use:</b>	Interior/Exterior Wood Stain	
<b>Date of Preparation:</b>	February 15, 2021	Revision#: 1

#### SECTION 2: HAZARDOUS IDENTIFICATION

GHS Classification	Classification Categories
Flammable Liquid	Category 3
Acute Toxicity	
Oral	Category 3
Dermal	Category 5
Inhalation: Gas	Category 4
Inhalation: Vapour	Category 4
Inhalation: Dust and Mist	Category 4
Skin corrosion/Irritation	Category 1
Eye damage/ Eye irritation	Category 2A
Respiratory Sensitisation Solid/Liquid	Category 1B
Respiratory Sensitisation Gas	Category 1B
Skin Sensitisation	Category 1B
Germ Cell Mutagenicity	No available data
Carcinogenicity	No available data but contains suspected ingredients

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Reproductive toxicity	No available data but contains ingredient known to have potential and suspected
Effects on or via lactation	Not classifiable
Specific Target Organ/Systemic Toxicity (Single Exposure)	Category 2: May cause damage to liver, kidney and have blood effects
Specific Target/Systemic Toxicity (Repeated Exposure)	No available data
Aspiration Hazard	Category 1
Hazard to the Aquatic Environment (Acute)	Category 3
Hazard to the Aquatic Environment (Chronic)	Category 4

Hazard Statement

- Flammable liquid and vapour
- May be fatal if swallowed and enter airways
- May be harmful in contact with skin for prolonged or repeat periods
- May cause allergy or asthma symptoms or breathing difficulties if inhaled
- Cause mild skin irritation to compromised skin
- Causes skin and eye irritation
- May cause damage to bone marrow through repeated exposure causing low blood count and may damage the liver and kidneys
- Contains materials toxic to aquatic life with long lasting effects
- May cause long lasting harmful effects to aquatic life

Symbols



Signal word

**Danger**

Precautionary Statement

- May be harmful in contact with skin, inhalation, or ingestion.
- Keep out of reach of children

  1. Keep away from heat, sparks, open flames and hot surfaces. No smoking
  2. Do not eat or drink when using this product.
  3. Keep container tightly closed and store in a well-ventilated place. Keep cool.
  4. Wear protective gloves, eye/face protection and long-sleeved clothing to avoid skin contact.
  5. Avoid breathing dust, fume, gas, mist, vapours or spray.
  6. Use only non-sparking tools.
  7. Use in a well-ventilated area.
  8. If on skin take off all contaminated clothing immediately and rinse skin with water or shower.
  9. Wash contaminated clothing before reuse.
  10. Wash hands with soap and water thoroughly after handling.

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- In case of fire use dry chemical, foam or carbon dioxide to extinguish.
- Avoid release to the environment. Collect spillage and dispose of contents or container in accordance with local regulations.

SECTION 3: HAZARDOUS COMPOSITION OF INGREDIENTS AND INFORMATION					
INGREDIENTS NAMES			COMPOSITION % (Wt./Gal.)		
Common Name	Chemical Name	CAS No.	Clear	Other Products	
Oil Modified Polyurethane	Oil Modified Polyurethane	Proprietary	≤ 20	≤ 51	
Aliphatic Hydrocarbon (mixture)	Aliphatic hydrocarbon (mixture)	NA	≤ 5	≤ 65	
Mineral Spirits, Stoddard Solvent	Aliphatic Carbonate	8052-41-3	≤ 60	≤ 60	
Methanesulfenamide	Dichloro-N-[(dimetilamino)sulphonil]fluoro-N-(ptolil) metanosuphenamide	731-27-1	≤ 0.8	≤ 0.8	
Methyl Ethyl Ketoxime	2-Butanone oxime	96-29-7	≤ 0.2	≤ 0.2	
Precipitated Amorphous Silica	Silicon Dioxide	112926-00-8	≤ 6	≤ 2.5	
Phenolic Resin	4-tert-butylphenol formaldehyde resin	25085-50-1	≤ 2	≤ 2	
Xylene isomers	Xylene isomers	1330-20-7	≤ 3	≤ 3	
Ethyl Benzene	Ethyl Benzene	100-41-4	≤ 0.5	≤ 0.5	
Chinawood Tree Oil	Tung Oil	8001-20-5	≤ 4	≤ 4	
1,2,4-Trimethylbenzene	1,2,4-Trimethylbenzene	95-63-6	≤ 1	≤ 1	
Aromatic hydrocarbon	Solvent naphta(petroleum), Aromatic hydrocarbon	64742-95-6	≤ 2	≤ 2	
Carbon Black	Carbon Black	1333-86-4	-	≤ 45	
Red Iron Oxide	Iron Oxide (III)	1309-37-1	-	≤ 30	
Pigment Yellow 83	Azoic Pigment	5567-15-7	-	≤ 20	
Aluminium Organic Salt	Proprietary	Proprietary	-	≤ 25	

SECTION 4: FIRST-AID MEASURES	
<b>Skin</b>	If on skin, wash with plenty of water and soap immediately for about 15 minutes. Take off contaminated clothing and shoes and wash before re-use. Get medical attention.
<b>Contact:</b>	Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. Have trained person give oxygen if necessary. If necessary, restore and support continued breathing and get emergency medical attention. Get medical help for any breathing difficulty. Remove to fresh air if inhalation caused eye watering, headaches, dizziness or other discomfort. Get medical attention if discomfort or irritation persists.
<b>Inhalation:</b>	

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<b>Eye Contact:</b>	Immediately flush cautiously with large amounts of water, especially under lids for at least 15 minutes. Remove contacts lenses, if present and easy to do so and continue rinsing. If irritation or other effects persist, obtain medical treatment.
<b>Ingestion:</b>	Aspiration hazard. Rinse mouth. If swallowed, do not induce vomiting but may occur spontaneously. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Obtain medical treatment immediately if feeling unwell.

#### SECTION 5: FIRE-FIGHTING MEASURES

In case of fire use and be aware of the following:

<b>Suitable Extinguishing Media:</b>	Dry chemical, foam or carbon dioxide. Water should only be used to cool fire-exposed containers, structures and to protect personnel or to dilute and flush away from sources of ignition.
<b>Unusual Fire and Explosion Hazards:</b>	Closed containers may explode when exposed to extreme heat or fire. Vapours may concentrate in confined areas. Vapours may be heavier than air and may travel along distances to a source of ignition and flash back.
<b>Fire Fighting Procedure</b>	Wear full protective clothing such as heat insulating clothes and gloves, eye and face protection and respiratory protection. Self-contained breathing apparatus should be used when entering the hot zone. Remove any combustible material from the surrounding area where safe to do so. Start firefighting from an up wind/wind ward direction. Only use the specified extinguishing media. Dike and collect water used to fight fire.
<b>Products of Combustion:</b>	Carbon monoxide, and unidentified organic components.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>General Measures:</b>	Comply with all applicable health and environmental regulations. Evacuate all unnecessary personnel upwind/windward. Eliminate all sources of ignition such as heat, sparks, open flames and other combustible materials. Cordon area from accidental entry. Complete personal protective equipment must be worn during clean-up. Contain and recover liquid when possible.
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Small Spills and Leaks:	Use non-combustible, absorbent material such as dry sand, vermiculite and earth and place into containers to dispose of properly. Do not flush to sewer systems.
Large Spills and Leaks:	Shut off leak if safe to do so. Dike and contain spill far ahead of liquid for later disposal. Pump to storage or salvage vessel (if quantity allows). Use absorbent material to collect excess residue. Keep salvageable material and rinse water away from sewers and water courses.

#### SECTION 7: HANDLING AND STORAGE

General Precautions:	Do not use this product other than for the purpose specified by the manufacturer or Supplier. Keep out of reach of children. Do not expose such containers to heat, sparks, flame, static electricity, or other sources of ignition. <b>N.B.: Keep running water sources on site in cases of emergency and for after work cleaning.</b>
Handling:	Use only with adequate ventilation. Do not take internally. Avoid contact with skin and eyes and breathing of vapours. Wash hands thoroughly after handling, especially before eating or smoking. Avoid conditions which result in formation of inhalable particles such as spraying or sanding painted surfaces. If such conditions cannot be avoided, use appropriate respiratory protection as directed under Section 8 below. Use non-sparking type tools and equipment including explosion proof ventilation. Containers of this material may be hazardous when empty due to product residue. Do not pressurise, cut, weld, solder, drill or grind.
Storage:	Smaller quantities should be stored in polypropylene pails or lacquer lined tins if removing from the original containers from manufacturer or supplier. Containers should be bonded and grounded for transfers to avoid static sparks. Keep containers tightly closed and upright when not in use. Empty containers may contain residues. Store in a well-ventilated place. Keep cool. Storage and use areas should be No Smoking areas.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION				
Common Name	CAS No.	EINECS	ACGHI-TLV 8-Hour TWA	OSHA-PEL 8-Hour TWA
Oil Modified Polyurethane	Proprietary	Not available	Not established	Not established
Aliphatic Hydrocarbon (mixture)	NA	Not available	Not established	Not established
Mineral Spirits, Stoddard Solvent	8052-41-3	232-489-3	100 ppm	500 ppm
Methanesulfenamide	731-27-1	211-986-9	Not established	Not established
Methyl Ethyl Ketoxime	96-29-7	Mixture	Not established	Not established
Precipitated Amorphous Silica	112926-00-8	Not available	100 ppm	80 mg/m <sup>3</sup>
Phenolic Resin	25085-50-1	607-533-3	Not established	Not established
Xylene isomers	1330-20-7	215-535-7	100 ppm	100 ppm
Ethyl Benzene	100-41-4	202-849-4	100 ppm	100 ppm
Chinawood Tree Oil	8001-20-5	232-272-3	Not established	Not established
1,2,4-Trimethylbenzene	95-63-6	202-436-9	25 ppm	Not established
Aromatic hydrocarbon	64742-95-6	265-199-0	Not established	Not established
Carbon Black	1333-86-4	231-545-4	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>
Red Iron Oxide	1309-37-1	215-168-2	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Pigment Yellow 83	5567-15-7	226-939-8	Not available	Not available
Aluminium Organic Salt	Proprietary	Not available	2 mg/m <sup>3</sup>	Not available
<b>Personal Protection Equipment</b>	<b>Skin</b>	Impervious clothing should be worn to eliminate possible skin contact and irritation. Such as chemical resistant coveralls or neoprene apron if appropriate. Impervious gloves such as rubber, or nitrile, gloves should be worn.		
	<b>Respiratory</b>	Use in a well-ventilated area or provide local exhaust or ventilation to reduce vapours build up.		

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#### Eyes

Use of an appropriate NIOSH/MSHA approved face piece respirator outfitted with organic vapour cartridges and Dust / Mist prefilters when working for prolonged period in not-well ventilated.

Warning: - Air-purifying respirators do not protect worker in oxygen deficient atmospheres.

Chemical resistant safety goggles or glasses recommended especially for overhead work. Wear face shield to protect facial skin also. Maintain eyewash and quick drenching facilities in the work area.

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance:	Liquid	Odour:	Kerosene-like
pH:	Not applicable	Colour:	Various
Soluble / Insoluble:	Insoluble	Viscosity:	Low; like water
Melting / Freezing Point:	-58 °C	Solubility:	Insoluble
Boiling / Condensation Point:	70 – 198 °C	Autoignition Temperatures:	260°C
Specific Gravity:	0.86 - 11.68 lb/gal	Flash Point:	29°C (xylene)
Vapour Density:	3 – 101 kPa	Vapour Pressure:	1.6 – 2.2 mmHg @ 20°C
Evaporation Rate:	Not established		

#### SECTION 10: STABILITY AND REACTIVITY

Stability and reactivity:	This product is stable under normal conditions. See Section 5 Fire Fighting Measures.
Conditions to avoid:	Elevated temperatures, contact with sparks, open flame, extremes in temperature.
Materials to avoid:	Strong oxidising agents, strong bases and strong acids. Sulphur compounds.

#### SECTION 11: TOXICOLOGICAL INFORMATION

Possible Effects to Overexposure	<b>Inhalation:-</b>	Irritation of respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, dizziness and/or light-headedness, headache, to unconsciousness in severe cases, nausea, coughing, sneezing, central nervous system depression, kidney and liver damage. Repeated exposure can damage bone marrow causing low blood cell damage.
	<b>Skin contact:-</b>	Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting. Possible sensitization to skin.
	<b>Eye contact:-</b>	Irritation of eyes. Prolonged or repeated contact may be painful and possibly damaging to eye tissue.

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<b>Ingestion:-</b>	<u>Aspiration Hazard:</u> Fatal dose for humans estimated at 3-4 oz but ingestion of much smaller amounts may cause lung edema and possible death because of aspiration into lungs.
<p><b>Supplemental Health Information:</b></p> <p>Persons with pre-existing skin disorders or eye problems or impaired liver, kidney, blood or respiratory function may be more susceptible to the effects of the substance. This product has not been listed by IARC, OSHA, ACGIH, DSL, TSCA but contains ingredients which are toxic by ingestion, inhalation and through the skin. Chemicals in their non-reportable form could be encountered when stripping or release of by-products may build-up in the headspace of the containers.</p> <p><b>Carcinogenicity</b></p> <p>IARC has classified Carbon Black in its respirable form. Carbon Black has been listed by the IARC as a possible carcinogen to humans based on inadequate evidence in humans and sufficient evidence of carcinogenicity in experimental animals. Microbiocides are also listed as suspected of causing cancer under EEC.</p>	

#### SECTION 12: ECOLOGICAL INFORMATION

<b>General Note:</b>	<p>There is no data available on the products but contains an ingredient known to be very toxic to aquatic life and with possible long-lasting effects.</p> <p>Do not allow undiluted product or large quantities of products to reach ground water, water courses or sewage systems.</p> <p><u>2-butanone oxime:</u> This material has been determined to be biodegradable. LC50 Fish 96 h 48 mg/l, Daphnia EC50 48 h 750 mg/l</p> <p><u>Carbon Black:</u> LC50 Fish (Brachydanio rerio) 96 h <math>\geq</math> 1 000 mg/l. EC50 Daphnia (Daphnia magna) 24 h <math>\geq</math> 5 600 mg/l. EC50 Algae (Scenedesmus subspicatus) 72 h <math>\geq</math> 10 000 mg/l</p> <p><u>Xylene:</u> Expected to be slightly toxic to aquatic life. LC50 Fish 96 h 10 – 100 mg/l</p> <p><u>Stoddard solvent and petroleum hydrocarbons:</u> Hazardous for water. Toxic for aquatic organisms. May have long lasting effect on the aquatic environment.</p> <p><u>Amorphous silica:</u> LC50 Fish (Brachydanio rerio) 96 h <math>\geq</math> 10 000 mg/l. EC50 Daphnia (Daphnia magna) 24 h <math>\geq</math> 10 000 mg/l.</p> <p><u>Methanesulfenamide :</u> Highly toxic for aquatic organisms. IC50 Algae (Desmodesmus subspicatus) 72 h <math>&gt;</math>1 mg/l. EC50 Daphnia (Daphnia magna) 48 h <math>\geq</math> 0.19 mg/l. CL50 Fish (Oncorhynchus mykiss) 96 h 0.045 mg/l . Bacteria 3 h 230 mg/l.</p>
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#### SECTION 13: DISPOSAL CONSIDERATION

Dispose of material in accordance with all applicable regulations ensuring no contamination of surrounding environment.

#### SECTION 14: TRANSPORTATION INFORMATION

This product is to be shipped as consumer commodity packaging, but it is the responsibility of the shipper to ensure full compliance with the applicable regulations. This product is not controlled or regulated under DOT, IATA.

UN ID No.:	1263
DOT: Classification:	Not regulated
IATA: Classification:	Passengers: 309 LQ: 60L; Y309 LQ:10 L Cargo: 310 LQ: 220 L

#### SECTION 15: REGULATORY INFORMATION

**Products** As of the date of this SDS, this product was not being regulated or controlled. It also contains other hazardous ingredients below the required reportable limits

##### Product

##### Components:

<b>DSCL (EEC):</b>	Stoddard Solvent	Listed
	Xylene isomers	Listed
	2-Butanone oxime	Listed
	Ethylbenzene	Listed
	Phenolic Resin	Listed
	Tung Oil	Listed
	1,2,4-	Listed
	Trimethylbenzene	
	Iron Oxide (III)	Listed
	Azoic Pigment	Listed
	Aluminium Organic Salt	Listed

<b>IARC:</b>	Carbon Black	Group 2B – Possible carcinogen to humans
	Xylene isomers	Group 3 – Unclassifiable as to carcinogenicity in humans
	Ethylbenzene	Group 2B – Possible carcinogen to humans

##### SARA Title III Section 311/312:

Silicon dioxide	Immediate (Acute) Health Hazard
Carbon Black	Immediate (Acute) Health and Delayed (Chronic) Health Hazards
Iron Oxide (III)	Immediate (Acute) Health and Fire Hazard
Stoddard Solvent	Immediate (Acute), Delayed (Chronic) Health and Fire Hazard

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Xylene isomers	Immediate (Acute), Delayed (Chronic) Health and Fire Hazard
2-Butanone oxime	Immediate (Acute), Delayed (Chronic) Health and Fire Hazard
Ethylbenzene	Immediate (Acute), Delayed (Chronic) Health and Fire Hazard
1,2,4-Trimethylbenzene	Immediate (Acute), Delayed (Chronic) Health and Fire Hazard
Phenolic resin	Immediate (Acute) Health and Delayed (Chronic) Health Hazards
Tung Oil	Fire Hazard

<b>Section 313:</b>	Xylene isomers	Listed
	Ethylbenzene	Listed

<b>WHMIS:</b>	Stoddard Solvent	Class B, Div 3: Combustible Liquid and Class D, Div 2, Sub Div B: Material causing other toxic effects
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<b>DSL:</b>	Stoddard Solvent	Listed
	Xylene isomers	Listed
	Carbon Black	Listed
	2-Butanone oxime	Listed
	Ethylbenzene	Listed
	Phenolic resin	Listed
	Tung Oil	Listed
	1,2,4-Trimethylbenzene	Listed
	Iron Oxide (III)	Listed
	Azoic Pigment	Listed
	Aluminium Salt	Listed

<b>TSCA:</b>	Stoddard Solvent	Listed
	Xylene isomers	Listed
	2-Butanone oxime	Listed
	Ethylbenzene	Listed
	Phenolic resin	Listed
	Tung Oil	Listed
	1,2,4-Trimethylbenzene	Listed
	Carbon Black	Listed
	Iron Oxide (III)	Listed
	Azoic Pigment	Listed
	Aluminium Salt	Listed

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#### **SECTION 16: OTHER INFORMATION**

The information contained herein is based on data available at the time of preparation of this data sheet and which is believed to be reliable. However, it is the users' responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. This information is given in good faith, but no warranty, expressed or implied is made.

The information found in this SDS complies with GHS formatting.