

SAFETY DATA SHEET

GLOSS POLYURETHANE



SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Supplier:	Harris Group of Companies Willey, St. Michael Barbados, BB14006 Tel: 246-429-4840	
Product Code and Name:	19/0213 and 19/2713 Gloss Polyurethane	
Manufacturer:	Harris Group of Companies Willey, St. Michael, Barbados, BB14006	
General Information:	Technical Department Harris Paints Barbados (2003) Limited	Tel: (246) 429-4840 Fax: (246) 436-9544 E-Mail: technical@harrispaintsonline.com
Product Use:	Coating/Varnish	
Date of Preparation:	February 15, 2021	Revision#: 1

SECTION 2: HAZARDOUS COMPOSITION OF INGREDIENTS AND INFORMATION

INGREDIENTS NAMES			COMPOSITION % (Wt./Gal.)	
Common Name	Chemical Name	CAS No.	A-2710*	A-2720*
Mineral Spirits, Stoddard Solvent	Aliphatic hydrocarbons	8052-41-3	48.9 - 49.3	35.3 - 35.8
Xylene	Xylene (mixed isomers)	1330-20-7	0.8 - 0.9	0.9 (70.9 - 87.9)
Ethylbenzene	Ethylbenzene, phenylethane	100-41-4	0.2	0.2 (16.2 - 20.2)
Toluene	Methylbenzene, phenylmethane	108-88-3	-	0.3 - 1.5
Alcohol Mixture	Alcohol Mixture	Mixture	-	12.6 - 13.0

SECTION 3: HAZARDS IDENTIFICATION

Physical State and Appearance	Liquid (viscous)
Primary Routes of Exposure	Skin contact, Inhalation, Eye contact, Ingestion

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Possible Effects to Overexposure	
Skin contact:-	Irritation of skin. May aggravate pre-existing skin conditions.
Inhalation:-	Irritation of respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, dizziness and/or light-headedness, headache, nausea, asphyxiation.
Eye contact:-	Irritation of eyes. Prolonged or repeated contact may cause conjunctivitis.
Ingestion:-	Ingestion may cause mouth and throat irritation, gastrointestinal disturbances.
Medical condition aggravated by exposure:	Eye, skin, respiratory disorders, kidney disorders, central nervous system depression.
Overexposure Signs/ Symptoms:	Inform medical personnel of presence of Xylene in varnishes.

SECTION 4: FIRST-AID MEASURES

Skin Contact:	Flush skin with water. Then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use.
Inhalation:	Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation caused eye watering, headaches, dizziness or other discomfort.
Eye Contact:	Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.
Ingestion:	Flush out mouth. If swallowed, do not induce vomiting. If victim is conscious give at least 2 glasses of water. Obtain medical treatment immediately.

SECTION 5: FIRE-FIGHTING MEASURES

Flammability of the product:	Lower Explosive Limit: Not Known Upper Explosive Limit: Not Known
Auto-Ignition Temperature:	Not known
Flash Points:	>100°C
Fire Extinguishing Media:	Use dry chemical, water foam or fog, carbon dioxide
Products of Combustion:	Carbon dioxide, carbon monoxide, other irritating gases
Unusual Fire and Explosion Hazards:	Closed containers may burst if expose to extreme heat or fire
Special Remarks on Explosion Hazards:	Varnish contains a mixture of alcohols.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spill and Leak:	Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Spills may be collected with absorbent materials. Place collected material in an appropriate container. Complete personal protective equipment must be used during clean-up.
Large Spills and Leaks:	Shut off leak if safe to do so. Dike and contain spill. Pump to storage or salvage vessel. Use absorbent to collect excess residue.

SECTION 7: HANDLING AND STORAGE

Handling:	Store cool at a constant temperature. Keep away from heat, sparks and open flames Minimum: 1°C Maximum: 40°C.
Storage:	Lacquer lined steel tins or polypropylene pails.
Other Precautions:	Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes and breathing of vapours. Wash hands thoroughly after handling, especially before eating or smoking.

Keep containers tightly closed and upright when not in use. 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 exposure control/personal protection. Empty containers may contain residues.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Common Name	CAS No.	ACGIH-TLV 8-Hour TWA	OSHA-PEL 8-Hour TWA
Mineral Spirits, Stoddard Solvent	8052-41-3	100 ppm	500 ppm
Xylene	1330-20-7	100 ppm	150 ppm
Ethylbenzene	100-41-4	100 ppm	150 ppm
Toluene	108-88-3	100 ppm	200 ppm
Alcohol Mixture	Mixture	Mixtures 50 ppm – 1000 ppm	Not est.

Personal Protection

Body	Impervious clothing should be worn to eliminate possible skin irritation
Hands	Impervious gloves such as neoprene or nitrile rubber gloves should be worn.
Respiratory	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 or equivalent electrometric sealing surface face piece respirator outfitted with organic vapour cartridges and paint spray (Dust / Mist) prefilters. Safety goggles or glasses recommended especially for overhead work. Face shield could be used to protect facial skin also.

N.B.: Keep running water sources on site in cases of emergency and for after work cleaning.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance:	Liquid	Odour:	Slight
pH:	Not available	Colour:	Various
Soluble / Insoluble:	Insoluble in water	Viscosity:	50 -75
Melting / Freezing Point:	Not available	Solubility:	Not available
Boiling / Condensation Point:	Not available	Critical Temperatures:	Not available
Specific Gravity:	Not available	Volatility:	Not available
Vapour Density:	Not available	Vapour Pressure:	Not available
Evaporation Rate:	Not available		

SECTION 10: STABILITY AND REACTIVITY

Stability and reactivity: This product is stable. See Section 5 firefighting measures.
Conditions to avoid: Elevated temperatures, contact with oxidising agents, sparks, freezing, open Flame.
Materials to avoid: Oxidisers, acids.

SECTION 11: TOXICOLOGICAL INFORMATION

Supplemental Health Information: No additional effects are anticipated besides those mention in Section 5 fire fighting measures.

 These products have not been listed by IARC, OSHA, ACGIH, DSL, TSCA but contains ingredients which are toxic by ingestion, inhalation and through the skin.

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SECTION 12: ECOLOGICAL INFORMATION

There is no data available on the products.

General Note: Do not allow undiluted product or large quantities of products to reach ground water, water courses or sewage systems.

SECTION 13: DISPOSAL CONSIDERATION

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

SECTION 14: TRANSPORTATION INFORMATION

UN ID No.: 1263
 These products not controlled or regulated under DOT, IATA.

DOT: Classification: Paints "protect from freezing"

IATA: Classification: Paints "protect from freezing"

SECTION 15: REGULATORY INFORMATION

Products As of the date of this SDS, these products were not being regulated or controlled.

Product Components:

EINECS No.: Texanol - 246-771-9, Titanium dioxide - 236-675-5, Xylene - 215-535-7

DSCL (EEC)

IARC Ehtlybenzene

SARA Title III

Section 311: Propylene Glycol - Acute

DSL: Propylene Glycol - Listed

TSCA: Propylene Glycol - Listed

ATSDR: Propylene Glycol - Inhalation :- Intermediate 0.009 ppm

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, express or implied is made.

This SDS complies with SDS requirements for Canada, the USA and the European Union and fulfils the ISO standards for format and content.