

# SAFETY DATA SHEET

## RUST CHEM

### SUPER GLOSS ENAMEL



#### 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>	2320 and 1302 Rust Chem Super Gloss Enamel White 2320 and 1302 Rust Chem Super Gloss Enamel Black 2320 and 1302 Rust Chem Super Gloss Enamel (Various colours)*	
<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: technical@harrispaintsonline.com
<b>Product Use:</b>	Paints	
<b>Date of Preparation:</b>	February 15, 2021	Revision#: 3

SECTION 2: HAZARDOUS COMPOSITION OF INGREDIENTS AND INFORMATION						
INGREDIENTS NAMES			COMPOSITION % (Wt./Gal.)			
Common Name	Chemical Name	CAS No.	A-2300.01	A-2300.02	A-2300.21	A-2300.*
Propylene Glycol	1,2-Propylene Glycol	57-55-6				0.04
Titanium Dioxide	Titanium Dioxide	13463-67-7	23.1		25.4	2.2-22
Rule 66 Mineral Spirits, Naphtha	Medium aliphatic carbons	64742-88-7	0.16	2.31		
Xylene	Xylene (mixed isomers)	1330-20-7			20-22	6.2
Carbendazim	Carbendazim	10605-21-7	0.31	0.43		0.3-0.4
Carbon Black	Carbon Black	1333-86-4		6.6		0.10-3.5
Mineral Spirits, Stoddard Solvent	Aliphatic hydrocarbons	8052-41-3	17.4	7.5		6.0-17.5
Acticides	Microbiocides	NA	0.82			1.5
Quartz	Quartz	14808-60-7				<0.003

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Ethylbenzene	Ethylbenzene, phenylethane	100-41-4		1.8-2.2	
Toluene	Methylbenzene, phenylmethane	108-88-3		0.03-0.17	

#### SECTION 3: HAZARDS IDENTIFICATION

**Physical State and Appearance:**

Liquid (viscous)

**Primary Routes of Exposure:** Skin contact, Inhalation, Eye contact, Ingestion

**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, gastro-intestinal disturbances.

**Medical condition aggravated by exposure:** Eye, skin, respiratory disorders, kidney disorders, central nervous system depression.

**Signs/Symptoms:** Inform medical personnel of presence of Xylene.

#### 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 exposed to extreme heat or fire.

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#### Special Remarks on Fire Hazards:

These products also contain a mixture of flammable ingredients.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Small Spill and Leak:</b>	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 cleanup.
<b>Large Spills and Leaks:</b>	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

<b>Handling:</b>	Store cool at a constant temperature. Keep away from heat, sparks and open flames. Minimum: 1°C Maximum: 40°C.
<b>Storage:</b>	Steel tins.
<b>Other Precautions:</b>	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 Controls/Personal Protection. Empty containers may contain residues.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Common Name	CAS No.	ACGHI-TLV 8-Hour TWA	OSHA-PEL 8-Hour TWA
Propylene Glycol	57-55-6	Not est.	Not est.
Titanium Dioxide	13463-67-7	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Rule 66 Mineral Spirits, Naphtha	64742-88-7	100 ppm	300 ppm
Xylene	1330-20-7	100 ppm	Not est.
Carbendazim	10605-21-7	Not est.	Not est.
Carbon Black	1333-86-4	3.5 mg/m <sup>3</sup>	3.5mg/m <sup>3</sup>
Acticide	NA	Not est.	Not est.
Mineral Spirits, Stoddard Solvent	8052-41-3	100 ppm	500 ppm
Quartz	14808-60-7	0.05 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>
Ethylbenzene	100-41-4	100 ppm	150 ppm
Toluene	108-88-3	100 ppm	200 ppm

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#### Personal Protection

<b>Body</b>	Impervious clothing should be worn to eliminate possible skin irritation
<b>Hands</b>	Impervious gloves such as neoprene or nitrile rubber gloves should be worn.
<b>Respiratory</b>	Use in a well-ventilated area or provide local exhaust or ventilation to reduce vapours build up. 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. Ensure filters are regularly changed to avoid build-up.
<b>Eyes</b>	Safety goggles or glasses recommended especially for overhead work. Face shield should 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

<b>Physical State and Appearance:</b> Liquid	<b>Odour:</b> Slight
<b>pH:</b> Not available	<b>Colour:</b> Various colours
<b>Soluble/Insoluble:</b> Insoluble in water	<b>Viscosity:</b> 80 KU
<b>Melting/Freezing Point:</b> Not available	<b>Solubility:</b> Not available
<b>Boiling/Condensation Point:</b> Not available	<b>Critical Temperatures:</b> Not available
<b>Specific Gravity:</b> 0.85 – 1.21	<b>Volatility:</b> Not available
<b>Vapour Density:</b> Not available	<b>Vapour Pressure:</b> Not available
<b>Evaporation Rate:</b> Not available	

#### SECTION 10: STABILITY AND REACTIVITY

<b>Stability and reactivity:</b>	These products are stable. See Section 5 Fire Fighting Measures.
<b>Conditions to avoid:</b>	Elevated temperatures, contact with oxidising agents, sparks, freezing, open flame.
<b>Materials to avoid:</b>	Oxidisers, acids.

#### SECTION 11: TOXICOLOGICAL INFORMATION

<b>Supplemental Health Information:</b>	No additional effects are anticipated besides those mentioned in Section 5 Fire Fighting Measures. These products have not been listed by IARC, OSHA, ACGIH, DSL, TSCA but contain ingredients which are toxic by ingestion, inhalation and through the skin.
<b>Carcinogenicity</b>	IARC has classified carbon black as a possible carcinogen to humans based on sufficient evidence in animals and inadequate evidence in humans.

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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 are 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.:** Titanium Dioxide – 236-675-5, Carbendazm 234-232-0, Carbon Black – 215-609-9, Xylene – 215-535-7

**DSCL (EEC)** Microbiocide constituents - Xn – Harmful  
 Trade names Acticide EP Paste and EPW classified according to 91/155 EC obtained from THOR GmbH.

**IARC** Titanium dioxide  
 Carbon black Quartz  
 Ethylbenzene

**SARA Title III Section 311:** Propylene Glycol - Acute

**Section 313:** Stoddard Solvent - Acute, chronic, Fire

**WHMIS:** Carbon Black - D 2A  
**DSL:** Propylene Glycol - Listed  
 Stoddard Solvent - Listed  
 Titanium Dioxide - Listed

**TSCA:** Propylene Glycol - Listed  
 Stoddard Solvent - Listed

**ATSDR:** Propylene Glycol - Inhalation: - Intermediate 0.009 ppm

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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.

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