

SAFETY DATA SHEET

GLOSS NITROCELLULOSE LACQUER & SANDING SEALER



SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Supplier:	Harris Group of Companies Wildey, St. Michael Barbados, BB14006 Tel: 246-429-4840		
Product Code and Name:	19/0214 and 19/2714 Gloss Nitrocellulose Lacquer 19/0215 and 19/2715 Nitrocellulose Sanding Sealer		
Manufacturer:	Harris Group of Companies Wildey, 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:	Clear Coating for Wood (Interior)		
Date of Preparation:	February 15, 2021	Revision#: 3	

SECTION 2: HAZARDOUS COMPOSITION OF INGREDIENTS AND INFORMATION

INGREDIENTS NAMES			COMPOSITION % (Wt./Gal.)	
Common Name	Chemical Name	CAS No.	D-1500	D-1510
Nitrocellulose Resin	Cellulose Nitrate	9004-70-0	7-15	7-15
<i>n</i> -butyl alcohol	1-Butanol	71-36-3	2-9	2-9
Isopropyl alcohol	2-propanol, isopropanol	67-63-0	4-10	4-10
<i>n</i> -butyl acetate	<i>n</i> -butyl acetate, butyl ethanoate,	123-86-4	5-15	5-15
Acetic ether, Vinegar naphtha	Ethyl acetate	141-78-6	5-15	5-15
Dibutyl Ester	Dibutyl phthalate, 2- benzenedicarboxylic acid	84-74-2	7-16	7-16
Toluene	Methylbenzene, phenylmethane	108-88-3	25-40	25-40
Zinc salt	Zinc Stearate, octadecanoic acid	557-05-1	3-8	-

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SECTION 3: HAZARDS IDENTIFICATION	
Physical State and Appearance:	Liquid
Emergency Overview:	May be absorbed through skin.
Primary Routes of Exposure:	Inhalation, Skin contact, Eye contact, Ingestion
Possible Effects to Overexposure:	<p>Inhalation:- Irritation of respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, drowsiness, dizziness and/or light headedness, headache, un-coordination, nausea, vomiting, coughing, central nervous system depression, confusion, anaesthetic effect or narcosis, tremors. Pulmonary edema, convulsions, loss of consciousness, asphyxiation, death.</p> <p>Skin contact:- Irritation of skin. Prolonged or repeated contact can cause defatting. Skin contact may result in dermal absorption of components of this product which may cause drowsiness, dizziness and/or light-headedness, headache, confusion, tremors, convulsions, death.</p> <p>Eye contact:- Irritation of eyes. Prolonged or repeated contact may cause conjunctivitis, blurred vision, tearing or redness of eyes, severe eye irritation.</p> <p>Ingestion:- May cause lung inflammation and damage due to aspiration of material into lungs, mucous membrane irritation, fatigue drowsiness, dizziness and/or light-headedness, headache, un-coordination, nausea, vomiting, diarrhoea, gastro-intestinal disturbances, severe abdominal pain, central nervous system depression, anaesthetic effect or narcosis, difficulty of breathing, convulsion, loss of consciousness, cyanosis, death.</p>
Medical condition aggravated by exposure:	Eye, skin, respiratory disorders, kidney disorders, lung disorders, asthma-like conditions.
Overexposure Signs/Symptoms:	May lead to toxicity to liver, kidneys. Have been associated with repeated and prolonged occupational overexposure to solvent with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

SECTION 4: FIRST-AID MEASURES	
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.

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Skin Contact:	Flush skin with water. Then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use.
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 Available Upper Explosive Limit: Not Available
Auto-Ignition Temperature:	180 °C
Flash Points:	> 21°C
Fire Extinguishing Media:	Use dry chemical, water foam or fog, carbon dioxide
Products of Combustion:	Carbon dioxide, carbon monoxide, toxic gases, nitrous oxides, acid fumes.
Unusual Fire and Explosion Hazards:	Vapours are heavier than air and may travel long distances to a source of ignition and flash back.
Special Remarks on Fire Hazards:	Closed containers may burst if exposed to extreme heat or fire.
Special Remarks on Explosion Hazards:	Vapours can form explosive mixtures in air at elevated temperatures.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spill and Leak:	Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area with explosion proof equipment. Evacuate all unnecessary personnel. 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. Rinse water out of sewers and water courses.

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. Use antistatic flooring and wear antistatic clothing and footwear. Avoid static electricity, shocks and friction, ensure that the equipment is earthed and is equipped with protected material usable in an explosive atmosphere.
Storage:	Steel tins. Do not stock unnecessary high amounts of the product in the workshop.

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	Ensure a good rotation of stock.
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. 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-TLW 8-Hour TWA	OSHA-PEL 8-Hour TWA
Nitrocellulose Resin	9004-70-0	Not est.	400 ppm
<i>n</i> -butyl alcohol	71-36-3	50 ppm	50 ppm
Isopropyl alcohol	67-63-0	500 ppm	400 ppm
<i>n</i> -butyl acetate	123-86-4	150 ppm	150 ppm
Acetic ether, Vinegar naphtha	141-78-6	400 ppm	400 ppm
Dibutyl Ester	84-74-2	5 mg/m ³	5 mg/m ³
Toluene	108-88-3	50 ppm	100 ppm
Zinc salt	557-05-1	10 mg/m ³	10 mg/m ³

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. 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 of vapour in filters being used.
Eyes	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.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
Physical State and Appearance: Liquid	Odour: Slight
pH: Not available	Colour: Amber or Yellow
Soluble/Insoluble: Soluble in water, alcohol	Viscosity: Not available
Melting/Freezing Point: Not available	Solubility: Not available
Boiling/Condensation Point: Not available	Critical Temperatures: Not available
Specific Gravity: 0.98 - 0.99	Volatility: 40-60 %
Vapour Density: Not available	Vapour Pressure: < 110 KPa
Evaporation Rate: Not available	

SECTION 10: STABILITY AND REACTIVITY	
Stability and reactivity: These products are stable. See Section 5 Fire Fighting Measures.	
Conditions to avoid:	Elevated temperatures, contact with oxidising agents, sparks, freezing, open flame, ignition sources.
Materials to avoid:	Oxidisers, acids, bases, amines, peroxides.

SECTION 11: TOXICOLOGICAL INFORMATION	
Supplemental Health Information:	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.

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"

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SECTION 15: REGULATORY INFORMATION

Products

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

Product Components:

EINECS No.: Dibutyl Phthalate – 201-557-4, Nitrocellulose Resin, Isopropyl Alcohol, *n*-Butyl Alcohol

DSCL (EEC):

IARC:

SARA Title III

Section 311/312: Toluene

- | | |
|-------------------------|------------------------|
| Isopropyl Alcohol | - Acute, Fire |
| Dibutyl Phthalate | - Chronic |
| <i>n</i> -Butyl Alcohol | - Acute, Chronic, Fire |
| <i>n</i> -Butyl Acetate | - Acute, Chronic |

Section 313:

Toluene
n-Butyl Alcohol
Isopropyl Alcohol
Zinc Stearate

WHMIS:

- | | |
|-------------------------|-----------|
| Isopropyl Alcohol | - B |
| Toluene | - B2, D2B |
| <i>n</i> -Butyl Alcohol | - |

DSL:

- | | |
|-------------------------|----------|
| Dibutyl Phthalate | - Listed |
| Nitrocellulose Resin | - Listed |
| <i>n</i> -Butyl Alcohol | - Listed |
| Toluene | - Listed |

TSCA:

- | | |
|-------------------------|----------|
| Isopropyl Alcohol | - Listed |
| Toluene | - Listed |
| Dibutyl Phthalate | - Listed |
| <i>n</i> -Butyl Alcohol | - Listed |
| <i>n</i> -Butyl Acetate | - Listed |
| Isopropyl Alcohol | - Listed |
| Nitrocellulose Resin | - Listed |

ATSDR:

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.