

SAFETY DATA SHEET

ULTIMA PLUS SATIN OIL ENAMEL



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: | 13/0433 | Ulttima Plus Satin Oil Enamel |
| | 13/2533 | Ulttima Plus Satin Oil Enamel |
| 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: | Interior/Exterior Paints | |
| Date of Preparation: | January 14 th , 2016 | Revision#: 4 |

SECTION 2: HAZARDOUS IDENTIFICATION

| GHS Classification | Classification Categories |
|----------------------------|---------------------------|
| Flammable Liquid | Category 4: |
| Acute Toxicity | |
| Oral | Category 5 |
| Dermal | Category 5 |
| Skin corrosion/Irritation | Category 3: Mild Irritant |
| Eye damage/ Eye irritation | Category 2B |

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| Symbols: Exclamation mark | Signal word: Warning |
| Hazard Statement WARNING! Combustible liquid May be harmful if swallowed May be harmful in contact with skin for prolonged or repeat periods May be harmful with prolonged or repeat inhalation Cause mild skin irritation to compromised skin Cause eye irritation | Precautionary Statement May be harmful in contact with skin, inhalation, or ingestion for prolonged periods. Keep out of reach of children 1. Keep away from heat, open flames and hot surfaces. No smoking 2. Do not eat or drink when using this product. 3. Wear protective gloves, eye/face protection and long-sleeved clothing to avoid skin contact, if necessary. |

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| <p>May be harmful if swallowed and enters airways May cause damage to skin, eyes, respiratory tract, lungs, liver, kidneys and CNS through prolonged or repeated exposure due to inappropriate use Harmful to aquatic life</p> | <p>4. Avoid breathing dust, mist, vapours or spray. 5. Use in a well-ventilated area. 6. Wash hands with soap and water thoroughly after handling. 7. Avoid release to the environment.</p> |
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| SECTION 3: HAZARDOUS COMPOSITION OF INGREDIENTS AND INFORMATION | | | | | | | |
|---|------------------------------|------------|--------------------------|----------------|----------------|----------------|----------------|
| INGREDIENTS NAMES | | | COMPOSITION % (Wt./Gal.) | | | | |
| Common Name | Chemical Name | CAS No. | *.P | *.W | *.I | *.D | *.A |
| Rule 66 Mineral Spirits, Naphtha | Medium Aliphatic Hydrocarbon | 64742-88-7 | 7.58-8.55 | 7.64-9.09 | 8.33-9.72 | 8.76-10.2 | 8.98-10.5 |
| Microbiocide | N/A Microbiocides Mixture | Mixture | 0.249 (<0.023) | 0.250 (<0.023) | 0.275 (<0.025) | 0.289 (<0.026) | 0.272 (<0.025) |
| Titanium Dioxide | Titanium Dioxide | 13463-67-7 | 16.2-19.8 | 16.2-19.8 | 8.00-9.80 | 1.96-2.40 | - |
| Zinc Oxide | Zinc Oxide | 1314-13-2 | 0.51 | 0.51 | 0.56 | 0.58 | 0.60 |
| Talc | Magnesium Silicate | 1343-88-0 | 15.9 | - | 19.0 | 22.9 | 23.5 |
| Mineral Spirits, Stoddard Solvent | Aliphatic Hydrocarbon | 8052-41-3 | 8.46 | 8.47 | 10.0 | 10.5 | 10.8 |
| Propylene glycol | 1,2-Propylene glycol | 57-55-6 | 3.04 | 3.04 | 3.53 | 3.52 | 3.61 |

| SECTION 4: FIRST-AID MEASURES | |
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| Skin Contact: | If on skin, wash with plenty of water and soap. Take off contaminated clothing and wash before re-use. If any product remains, gently rub petroleum jelly, vegetable or mineral/baby oil onto skin. Repeat applications may be needed. If skin irritation or rash occurs, get medical attention. |
| Inhalation: | Remove person to fresh air and keep comfortable for breathing. 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. |
| Eye Contact: | 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. |
| Ingestion: | Rinse mouth. If swallowed, do not induce vomiting. If victim is conscious give at least 2 glasses of water. Obtain medical treatment immediately if feeling unwell. |

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| SECTION 5: FIRE-FIGHTING MEASURES | |
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| In case of fire use and be aware of the following | |
| Suitable Extinguishing Media: | 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. |
| Unusual Fire and Explosion Hazards: | 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. |
| Fire Fighting Procedure | 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 fire fighting from an up wind/wind ward direction. Only use the specified extinguishing media. |
| Products of Combustion: | Carbon monoxide, carbon dioxide, monomer vapours, toxic gases. |

| SECTION 6: ACCIDENTAL RELEASE MEASURES | |
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| General Measures: | 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. |
| Small Spills and Leaks: | Use non-combustible, absorbent material such as sand, vermiculite and place into containers to dispose of properly. |
| 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 out of sewers and water course. |

| SECTION 7: HANDLING AND STORAGE | |
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| General Precautions: | Do not use this product other than for the purpose specified by the manufacturer or Supplier. Keep out of reach of children. |

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

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.

Storage: Smaller quantities should be stored in metal cans if removing from the original containers from manufacturer or supplier.
Keep containers tightly closed and upright when not in use.
Empty containers may contain residues.
Store in a well-ventilated place. Keep cool.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

| Common Name | CAS No. | EINECS | ACGHI-TLV 8-Hour TWA | OSHA-PEL 8-Hour TWA |
|-----------------------------------|------------|-----------|-------------------------|------------------------------------|
| Rule 66 Mineral Spirits, Naphtha | 64742-88-7 | 265-191-7 | 5 mg/m ³ | 10 mg/m ³ |
| Microbiocide | Mixture | Mixture | Not est. | Not est. |
| Titanium Dioxide | 13463-67-7 | 236-675-5 | 10 mg/m ³ | 10 mg/m ³ |
| Zinc Oxide | 1314-13-2 | 215-222-5 | 2 mg/m ³ | Total dust 15 mg/m ³ |
| Talc | 14807-96-6 | 238-877-9 | 2 mg/m ³ | Not est. |
| Mineral Spirits, Stoddard Solvent | 8052-41-3 | 232-489-3 | 100 ppm | 500 ppm |
| Propylene Glycol | 57-55-6 | 200-338-0 | Not est. | Not est. |
| Limestone | 1317-65-3 | 215-279-6 | 10 mg/m ³ | 15 mg/m ³ |

Personal Protection Equipment

Skin If risk assessments deem necessary, impervious clothing should be worn to eliminate possible skin contact and irritation. Such as chemical resistant coveralls or neoprene apron if appropriate.
If necessary, impervious gloves such as rubber, or nitrile, 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 face piece respirator outfitted with organic vapour cartridges and paint spray (Dust / Mist) prefilters for prolonged use in not-well ventilated areas.

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Eyes

Chemical resistant safety goggles or glasses recommended especially for overhead work. Wear face shield to protect facial skin also.

| SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES | | | |
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| Physical State and Appearance: | Liquid | Odour: | Slight |
| pH: | Not applicable | Colour: | Creamy-White |
| Soluble / Insoluble: | Insoluble in water | Viscosity: | 76-84 KU |
| Melting / Freezing Point: | Not available | Solubility: | Not available |
| Boiling / Condensation Point: | Not available | Critical Temperatures: | Not available |
| Specific Gravity: | 1.00 – 1.27 | Volatility: | 22 – 26% by weight |
| Vapour Density: | Not available | Vapour Pressure: | Not available |
| Evaporation Rate: | Not available | | |

| SECTION 10: STABILITY AND REACTIVITY | |
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| Stability and reactivity: | This product is stable under normal conditions. See Section 5 Fire Fighting Measures. |
| Conditions to avoid: | Elevated temperatures, contact with oxidising agents, sparks, freezing, open flame, extremes in temperature. |
| Materials to avoid: | Oxidisers, acids, nitric acid, hydrofluoric acid. |

| SECTION 11: TOXICOLOGICAL INFORMATION | | |
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| Possible Effects to Overexposure | Inhalation:- | Irritation of respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, dizziness and/or light-headedness, headache, nausea, coughing, sneezing, central nervous system depression, kidney damage. |
| | Skin contact:- | Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting. Possible sensitization to skin. Skin contact may result in dermal absorption of component(s) of this product which may cause headache, nausea, central nervous system depression. |
| | Eye contact:- | Irritation of eyes. Prolonged or repeated contact may cause conjunctivitis, tearing of eyes, and redness of eyes. |
| | Ingestion:- | Ingestion may cause dizziness and /or light headedness, headache, vomiting, gastro-intestinal disturbances, severe abdominal pain, apathy, central nervous system depression, respiratory problems, intoxication, kidney damage, pulmonary |

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| | edema, loss of consciousness, acute poisoning, respiratory failure, cardiac failure, brain damage. |
| Supplemental Health Information: | No additional effects are anticipated besides those mentioned in Section 5 Fire Fighting Measures. 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. |
| Carcinogenicity | Titanium dioxide 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. |

| SECTION 12: ECOLOGICAL INFORMATION | |
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| General Note: | There is no data available on the products but contains ingredients known to have toxic and very toxic effects to the environment and even with long lasting effects. Do not allow undiluted product or large quantities of products to reach ground water, water courses or sewage systems. |

| SECTION 13: DISPOSAL CONSIDERATION | |
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| | Dispose of in accordance with all applicable regulations ensuring no contamination of surrounding environment. |

| SECTION 14: TRANSPORTATION INFORMATION | |
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| | 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: | Not regulated |

| 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: | |
| DSCL (EEC): | Rule 66 Mineral Spirits Xn – Harmful, R65 |

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| Microbiocide | T-Toxic; Xn-Harmful; Xi-Sensitizing; N-Dangerous for the environment; R20/21, R40, R43, R46, R48/22, R51/53, R60, R61, N-Dangerous for the environment, R50, R51. R52, R53 |
| Zinc Oxide | R22 |
| Talc | R10, R36, R38 |
| Stoddard Solvent | R21, R22 |
| Propylene glycol | |

IARC: Titanium Dioxide Group 2B – Possible carcinogen to humans

SARA Title III
Section 311/312:

| | |
|-------------------------|--|
| Rule 66 Mineral Spirits | Immediate (Acute) Health and Fire Hazard |
| Titanium dioxide | Immediate (Acute) Health Hazard |
| Stoddard Solvent | Immediate (Acute) Health and Fire Hazard |
| Propylene glycol | Immediate (Acute) Health Hazard |
| Limestone | Immediate (Acute) Health Hazard |

Section 313: Stoddard Solvent Listed

WHMIS:

| | |
|-------------------------|---|
| Rule 66 Mineral Spirits | Class B, Div 3: Combustible Liquid |
| Titanium Dioxide | Class D, Div 2, Subdiv A: Material causing other effects (VERY TOXIC) |
| Talc | Class D, Div 2, Subdiv B: Materials causing other toxic effects (TOXIC) |
| Limestone | Class D, Div 2, Subdiv B: Materials causing other toxic effects (TOXC) |
| Stoddard Solvent | Class B, Div 3: Combustible Liquid and Class D, Div 2, Subdiv B: Material causing other toxic effects (TOXIC) |

DSL:

| | |
|-------------------------|--------|
| Rule 66 Mineral Spirits | Listed |
| Titanium dioxide | Listed |
| Zinc Oxide | Listed |
| Propylene Glycol | Listed |
| Limestone | Listed |
| Talc | Listed |
| Stoddard Solvent | Listed |

TSCA:

| | |
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| Rule 66 Mineral Spirits | Listed |
| Titanium dioxide | Listed |
| Zinc Oxide | Listed |

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| Propylene glycol | Listed |
| Limestone | Listed |
| Talc | Listed |

SECTION 16: OTHER INFORMATION

Risk Phrase used in Section 15 above

- R10: Flammable
- R20/21: Also harmful by inhalation and in contact with skin
- R21: Harmful in contact with skin
- R22: Harmful if swallowed
- R36: Irritating to eyes
- R38: Irritating to skin
- R40: Limited evidence of carcinogenic effects
- R43: May cause sensitisation by skin contact
- R46: May cause heritable genetic damage
- R48/22: Also harmful: danger of serious damage to health by prolonged exposure if swallowed
- R50: Very toxic to aquatic organisms
- R51: Toxic to aquatic organisms
- R52: Harmful to aquatic organisms
- R53: May cause long-term adverse effects in the aquatic environment
- R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R60: May impair fertility
- R61: May cause harm to the unborn child
- R65: Harmful: may cause lung damage if swallowed.

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, ISO, for Canada, the USA and the European Union.