



SAMURAI 2K AEROSOL SDN. BHD.

(formerly known as Orientus Industry Sdn. Bhd.)

Co. No. 199601042951 (415304-M)

6, Jalan Dato Yunus 1,
Tmn Perindustrian Dato Yunus Sulaiman, Lima Kedai,
81120 Skudai, Johor, Malaysia
Tel: +607-5103188; Fax: +607-5102133
E-mail: enquiry@samuraipaint.jp

S A F E T Y D A T A S H E E T

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product : 2K POLYURETHANE AEROSOL PAINT
Product Code : 2K1XXXX (XXXX=COLOR CODE)
Manufacturer : ORIENTUS INDUSTRY SDN BHD
Address : 6, Jalan Dato Yunus 1, Taman Perindustrian Dato Yunus
Sulaiman, Lima Kedai, 81120 Skudai, Johor, MALAYSIA.
Emergency Telephone No. : +607-510 3188/510-3199 (24 Hours)

SECTION 2 HAZARDS IDENTIFICATION

HAZARD Hazardous substance.

Classification according to Regulation (EC) No. 1272/2008

- H220 : Extremely flammable gas
- H222 : Extremely flammable aerosol
- H226 : Flammable liquid and vapor
- H280 : Contains gas under pressure; may explode if heated
- H302 : Harmful if swallowed
- H312 : Harmful in contact with skin
- H314 : Causes severe skin burns and eye damage [to discuss]
- H315 : Causes skin irritation
- H317 : May cause an allergic skin reaction
- H319 : Causes serious eye irritation
- H332 : Harmful if inhaled
- H336 : May cause drowsiness or dizziness
- H340 : May cause genetic defects
- H350 : May cause cancer
- H360 : May damage fertility or the unborn child
- H373 : Causes damage to organs through prolonged or repeated exposure
- H412 : Harmful to aquatic life with long lasting effects



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GHS Label Precautionary Statements

| | |
|----------------|---|
| P201 | : Obtain special instructions before use. |
| P202 | : Do not handle until all safety precautions have been read and understood. |
| P210 | : Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking. |
| P211 | : Do not spray on an open flame or other ignition source. |
| P233 | : Keep container tightly closed. |
| P240 | : Ground/bond container and receiving equipment. |
| P241 | : Use explosion-proof [electrical/ventilating/lighting/...] equipment. |
| P242 | : Use only non-sparking tools. |
| P243 | : Take precautionary measures against static discharge. |
| P251 | : Do not pierce or burn, even after use. |
| P260 | : Do not breathe dust/fume/gas/mist/vapors/spray. |
| P261 | : Avoid breathing dust/fume/gas/mist/vapors/spray. |
| P264 | : Wash hands thoroughly after handling. |
| P270 | : Do not eat, drink or smoke when using this product. |
| P271 | : Use only outdoors or in a well-ventilated area. |
| P272 | : Contaminated work clothing should not be allowed out of the workplace. |
| P273 | : Avoid release to the environment. |
| P280 | : Wear protective gloves/protective clothing/eye protection/face protection. |
| P281 | : Use personal protective equipment as required. |
| P301+P312 | : IF SWALLOWED: call a POISON CENTER/doctor/physician IF you feel unwell. |
| P301+P330+P331 | : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
| P302+P352 | : IF ON SKIN: wash with plenty of water. |
| P303+P361+P353 | : IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water or shower. |
| P304+P312 | : IF INHALED: Call a POISON CENTER/doctor/physician if you feel unwell. |
| P304+P340 | : IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305+P351+P338 | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. |
| P308+P313 | : IF exposed or concerned: Get medical advice/attention. |
| P310 | : Immediately call a POISON CENTER or doctor/physician. |
| P312 | : Call a POISON CENTER or doctor/physician if you feel unwell. |
| P314 | : Get medical advice/attention if you feel unwell. |
| P321 | : For specific treatment see label. |
| P322 | : For specific measures see label. |
| P330 | : Rinse mouth. |
| P332+P313 | : IF SKIN irritation occurs: Get medical advice/attention. |
| P333+P313 | : IF SKIN irritation or rash occurs: Get medical advice/attention. |
| P337+P313 | : IF eye irritation persists: Get medical advice/attention. |
| P362 | : Take off contaminated clothing. |
| P363 | : Wash contaminated clothing before reuse. |
| P370+P378 | : In case of fire: Use Carbon Dioxide where non-flammable gas that extinguishes fire by displacing oxygen or taking away the oxygen element of the fire triangle to extinguish. |
| P377 | : Leaking gas fire: Do not extinguish, unless leak can be stopped safely. |
| P381 | : In case of leakage, eliminate all ignition sources. |
| P403 | : Store in a well-ventilated place. |



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- P403+P233 : Store in a well-ventilated place. Keep container tightly closed.
- P403+P235 : Store in a well-ventilated place. Keep cool.
- P405 : Store locked up.
- P410+P403 : Protect from sunlight. Store in a well-ventilated place.
- P410+P412 : Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- P501 : Dispose of contents/container in accordance with local, regional and national regulation.

GHS label elements

Hazard pictograms :



SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Composition | EINECS | CAS-NO. | Content |
|--|-----------|------------|---------|
| Dimethyl Ether | 204-065-8 | 115-10-6 | 25-30% |
| Hexamethylene-1,6-diisocyanate Homopolymer | 500-060-2 | 28182-81-2 | 10-12% |
| N-Butyl Acetate | 204-658-1 | 123-86-4 | 10-15% |
| Acetone | 200-662-2 | 67-64-1 | 10-15% |
| 1-Methoxypropylacetate-2 | 203-603-9 | 108-65-6 | < 20 % |
| Xylene | 215-535-7 | 1330-20-7 | < 2% |
| 2-Ethoxyethyl acetate | 203-839-2 | 111-15-9 | 0 – 1% |



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SECTION 4 FIRST AID MEASURES

First-Aid

Emergency and First Aid Procedures

- EYE CONTACT** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention.
- SKIN CONTACT** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- INHALATION** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- INGESTION** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms / effects, acute and delayed

Potential acute health effects

- Eye contact : Causes serious eye irritation.
- Skin Contact : Causes skin irritation. May cause an allergic skin reaction.
- Inhalation : Can cause central nervous system (CNS) depression. May cause drowsiness or



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dizziness. May cause respiratory irritation.

Ingestion : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

Over-exposure signs / symptoms

Eye contact : Adverse symptoms may include the following:
- Pain or irritation
- Watering
- Redness

Skin contact : Adverse symptoms may include the following:
- Irritation
- Redness

Inhalation : Adverse symptoms may include the following:
- Respiratory tract irritation
- Coughing
- Nausea or vomiting
- Headache
- Drowsiness / fatigue
- Dizziness / vertigo
- Unconsciousness

Ingestion : Adverse symptoms may include the following:
- Nausea or vomiting

Over-exposure signs / symptoms

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection on first-aiders : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.



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SECTION 5 FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA** : Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog.
- UNUSUAL FIRE AND EXPLOSION HAZARDS** : FLASH POINT IS LESS THAN 20°F / -6°C. EXTREMELY FLAMMABLE LIQUID AND VAPOR! Water spray may be ineffective. Closed containers may explode when exposed to extreme heat due to buildup of steam. Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can. No unusual fire or explosion hazards noted.
- SPECIAL FIREFIGHTING PROCEDURES** : Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Full protective equipment including self-containers cool. Containers may explode when heated.
- HAZARDOUS THERMAL DECOMPOSITION PRODUCTS** : Decomposition products may include the following materials:
- Carbon dioxide
- Carbon monoxide
- SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
- Special Fire and Explosion Hazard (Combustible Dust)** : No Information



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SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (See Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.



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SECTION 7 HANDLING AND STORAGE

Handling : Wash thoroughly after handling. Wash hands before eating. Removed contaminated clothing and launder before reuse. Use only in a well-ventilated area. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

Storage : Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Contents under pressure. Do not store above 120°F (49°C). Store large quantities in buildings designed and protected for storage of flammable aerosols. Keep away from heat, sparks, flame and sources of ignition. Contents under pressure. Do not expose to heat or store above 120°F (49°C). Avoid excess heat. Product should be stored in tightly sealed containers and protected from heat, moisture and foreign materials.

Advice on Safe Handling of Combustible Dust : No information.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| Substance | CAS No. | Regulatory Limits | | | Recommended Limits | |
|--|------------|-------------------|-------------------|---------------------------------------|---|----------------------------------|
| | | OSHA PEL | | Cal / OSHA PEL (as of 2 October 2019) | NIOSH REL (as of 18 October 2019) | ACGIH® 2019 TLV® |
| | | ppm | mg/m ³ | 8-hour TWA (ST) STEL (C) Ceiling | Up to 10-hour TWA (ST) STEL (C) Ceiling | 8-hour TWA (ST) STEL (C) Ceiling |
| Dimethyl Ether | 115-10-6 | 400 | 766 | 500 ppm | - | 958 mg/m ³ |
| 2-Butoxyethanol | 111-76-2 | 50 | 240 | - | 24 mg/m ³ | 20 ppm |
| N-Butyl Acetate | 123-86-4 | 150 | 710 | 150 ppm | - | 720 mg/m ³ |
| Acetone | 67-64-1 | 750 | 1800 | 250 ppm | 590 mg/m ³ | 250 ppm |
| Xylene | 1330-2-7 | 50 | 220 | 100 ppm | - | 441 mg/m ³ |
| Hexamethylene-1,6-diisocyanate Homopolymer | 28182-81-2 | 0.005 | 0.5 | - | - | 1.0 mg/m ³ |
| 2-Ethoxyethyl Acetate | 111-15-9 | 5 | 27 | - | - | - |



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| | | | | | | |
|--------------------------|----------|----|-----|---------|---|-----------|
| 1-Methoxypropylacetate-2 | 108-65-9 | 50 | 274 | 100 ppm | - | 548 mg/m3 |
|--------------------------|----------|----|-----|---------|---|-----------|

Protective Equipment



Personal Protection

- Engineering Controls** : Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment. Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.
- Respiratory Protection** : A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.
- Skin Protection** : Use gloves to prevent prolonged skin contact. Use impervious gloves to prevent skin contact and absorption of this material through the skin. Nitrile or Neoprene gloves may afford adequate skin protection.
- Eye Protection** : Use safety eyewear designed to protect against splash of liquids.
- Other Protective Equipment** : Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications. Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.
- Hygienic Practices** : Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.
- Engineering Measures for** : No information.



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Combustible Dust

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| Appearance | : | Aerosolized mist |
| Physical State | : | Liquid |
| Odor | : | Solvent like |
| Odor Threshold | : | Not determined |
| Relative Density | : | 0.900 – 1.00 g/ml (Depend on type of color) |
| pH | : | Not determined |
| Freeze Point, °C | : | Not determined |
| Viscosity | : | Not determined |
| Solubility in Water | : | Not determined |
| Partition Coefficient, n-octanol / water | : | Not determined |
| Decomposition Temp., °C | : | Not determined |
| Boiling Range, °C | : | -37 – 151 |
| Explosive Limits, vol% | : | 0.9 – 13.0 |
| Flammability | : | Extremely flammable, supports combustion |
| Flash Point, °C | : | -41 |
| Evaporation Rate | : | Faster than Ether |
| Auto-ignition Temp., °C | : | Not determined |
| Vapor Density | : | Heavier than air |
| Vapor Pressure | : | Not determined |

SECTION 10 STABILITY & REACTIVITY DATA

| | | |
|---------------------------------|---|--|
| Conditions to Avoid | : | Avoid temperatures above 120°F (49°C). Avoid all possible sources of ignition. |
| Incompatibility | : | Incompatible with strong oxidizing agents, strong acids and strong alkalis. |
| Hazardous Decomposition | : | By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide and formaldehyde. |
| Hazardous Polymerization | : | Will not occur under normal conditions. |
| Stability | : | This product is stable under normal storage conditions. |



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SECTION 11 TOXICOLOGICAL INFORMATION

- Effects of overexposure – Eye Contact** : Cause serious eye irritation.
- Effects of overexposure – Skin Contact** : Substance may cause slight skin irritation. May cause skin irritation. Allergic reactions are possible. Prolonged or repeated contact may cause skin irritation.
- Effects of overexposure – Inhalation Contact** : Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.
- Effects of overexposure – Ingestion Contact** : Harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.
- Effects of overexposure – Chronic Hazards** : May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and / or damage. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and blurred vision) and / or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. Contains carbon black. Chronic inflammation, lung fibrosis and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B – “Possibly carcinogenic to humans” by IARC and is proposed to be listed as A4 – “not classified as a human carcinogen” by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated during brush application or



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drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of carbon black in the formula. IARC lists Ethylbenzene as a possible human carcinogen (group 2B).

Primary Route(s) of Entry : Eye contact, ingestion, inhalation, skin absorption, skin contact.

SECTION 12 ECOLOGICAL INFORMATION

- Aquatic Toxicity** : Hazardous for water, do not empty into drains.
- Persistence and Degradability** : The product is degradable after prolonged exposure to natural weathering processes.
- Other Information** : This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium) or chlorinated solvents.
- Bioaccumulative Potential** : No further relevant information available.
- Mobility In Soil** : No further relevant information available.
- Other Adverse Effects** : No further relevant information available.

SECTION 13 DISPOSAL CONSIDERATIONS

- Disposal Methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.








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SECTION 14 TRANSPORTATION DATA

| | DOT Classification | TDG Classification | Mexico Classification | IATA | IMDG |
|---------------------------------------|---|---|--|---|---|
| UN number | UN1950 | UN1950 | UN1950 | UN1950 | UN1950 |
| UN proper shipping name | Aerosols | Aerosols | Aerosols | Aerosols, flammable | Aerosols |
| Transport hazard class(es) | 2.1  | 2.1  | 2.1  | 2.1  | 2.1  |
| Packing group | - | - | - | - | - |
| Environment hazards | No. | No. | No. | No. | No. |
| Additional information | - EGR No. 126 | Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.13-2.17 (Class 2). EGR No. 126 | - EGR No. 126 | - | Emergency schedules F-D, S-U |

Special precautions for user : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment and compliance with the applicable regulations is the sole responsibility of the reason offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

Transport in bulk according to Annex II of MARPOL and the IBC Code : Not available.

Proper shipping name : Not available.



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Ship type : Not available.

Pollution category : Not available.

SECTION 15 REGULATORY INFORMATION

SARA 313

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environment Data Sheet.

Toxic Substances Control Act

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12 (b) components exist in this product.

California Proposition 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm – www.P65Warnings.ca.gov

SECTION 16 OTHER INFORMATION

HMIS Ratings

Health : 2*
Flammability : 4
Physical Hazard : 0
Personal Protection : X

NFPA Ratings

Health : 2*
Flammability : 4
Instability : 0

SDS ISSUED DATE : 08-Feb-2012

SDS REVISION DATE : 08-Feb-2021

REASON FOR REVISION : 0



SAMURAI 2K AEROSOL SDN. BHD.

(formerly known as Orientus Industry Sdn. Bhd.)

Co. No. 199601042951 (415304-M)

6, Jalan Dato Yunus 1,
Tmn Perindustrian Dato Yunus Sulaiman, Lima Kedai,
81120 Skudai, Johor, Malaysia
Tel: +607-5103188; Fax: +607-5102133
E-mail: enquiry@samuraipaint.jp

Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer / buyer / user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer / buyer / user is responsible to determine the conditions necessary for the safe use of this product. The customer / buyer / user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source. Manufacturer accepts no responsibility for the infringement of any patent arising out of the use of this product.