Safety Data Sheet

CLZ028

INTERLAC 665 RAL9003 SIGNAL WHITE

Version Number 2 **Revision Date** 10/27/10

1. Product and company identification

Product Name	INTERLAC 665 RAL9003 SIGNAL WHITE
Product Code	CLZ028
Intended use	Refer Technical Data Sheet.
Application Method	Refer Technical Data Sheet.
Company Name	International Paint Pte Ltd. E-Town Bldg, 364 Cong Hoa, Ward 13 Dist. Tan Binh, Ho Chi Minh City SR Viet Nam
Telephone No.	+ 84 83812 0499
Fax No.	+84 83812 0498
24 hour Emergency Telephone No.	+ 84 83812 0499/+ 84 613931355
For Poisons Advice telephone	For Advice to Doctors & Hospitals only

2. Hazard identification of the product

Danger

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GHS Classification;

Item	Category	Hazard
Flammability	3	Flammable liquid and vapour
Acute Toxicity (mouth)	Not classified	Not applicable
Acute Toxicity (skin)	Not classified	Not applicable
Acute Toxicity (inhalation)	Not classified	Not applicable
Acute Toxicity (ingestion)	Not classified	Not applicable
Skin corrosion/irritation	Not classified	Not applicable
Eye damage/irritation	1	Causes serious eye damage
Sensitization (respiratory)	Not classified	Not applicable
Sensitization (skin)	1	May cause allergic reaction.
Germ toxicity	Not classified	Not applicable
Specific target organ systemic toxicity (single exposure)	1	No target organs for this category
	2	May cause damage to the kidneys, liver and central nervous system.
	3	No target organs for this category
Specific target organ systemic Toxicity (repeated exposure)	2	May cause damage to skin through prolonged or repeated exposure.
Aspiration hazard	Not classified	Not applicable
Harmfulness to aquatic Environment (acute)	2	Toxic to aquatic life.
Harmfulness to aquatic Environment (long term effect)	2	Toxic to aquatic life with long lasting effects
Carcinogenicity	2	Suspected of causing cancer.
Reproductive Toxicity	Not classified	Not applicable
Organic Peroxide	Not classified	Not applicable

S. Phrases;

S53 - Attention - Avoid exposure - obtain special instructions before use.

S1/2 - Keep locked up and out of the reach of children.

S23 - Do not breathe vapour/spray.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Further information is given in section 11.

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3. Composition/information on ingredients

Mixture : Mixture

This product contains the following hazardous substances.

Ingredient	CAS Number	Concentration Range%
Titanium dioxide	0013463-67-7	>50
Naphtha (petroleum), hydrodesulfurized heavy	0064742-82-1	>50
Xylene	0001330-20-7	2.5-10
Organoclay	0068911-87-5	2.5-10
1,2,4,-Trimethylbenzene	0000095-63-6	1-2.5
Naphtha (petroleum), hydrotreated heavy	0064742-48-9	1-2.5
Solvent Naphtha (Petroleum), light aromatic	0064742-95-6	1-2.5
2-Butanone oxime	0000096-29-7	1-2.5
Zirconium carboxylate	0022464-99-9	<1
Zirconium salts = 60 %w/w (Typical).	0072854-21-8	<1
Trimethyl benzene	0025551-13-7	<1
Amyl acid phosphate	0012789-46-7	<1

4. First aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eye Contact

Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention.

Skin Contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognised skin cleanser. Do NOT use solvents or thinners.

Ingestion

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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5. Fire-fighting measures

Recommended extinguishing media; alcohol resistant foam, CO2, powder, water spray.

Do not use - water jet.

Note; Fire will produce dense black smoke. Decomposition products may be hazardous to health. Avoid exposure and use breathing apparatus as appropriate.

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

6. Accidental release measures

Remove sources of ignition, do not turn lights or unprotected electrical equipment on or off. In case of a major spill or spillage in a confined space evacuate the area and check that solvent vapour levels are below the Lower Explosive Limit before re-entering. Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to relevant State and Federal regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the relevant Environment Protection Agency.

Empty containers may contain product residues, including flammable or explosive vapours. Do not cut, puncture or weld on or near containers. All label warnings must be observed until the containers have been cleaned or reconditioned.

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7. Handling and storage

Handling

This coating contains solvents. Solvent vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Areas of storage, preparation and application should be ventilated to prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits.

In Storage

Handle containers carefully to prevent damage and spillage.

Naked flames and smoking should not be permitted in storage areas. It is recommended that fork lift trucks and electrical equipment are protected to the appropriate standard.

In Use

Avoid skin and eye contact. Avoid inhalation of vapours and spray mists. Observe label precautions. Use personal protection as shown in section 8.

Smoking, eating and drinking should be prohibited in all preparation and application areas.

Never use pressure to empty a container; containers are not pressure vessels.

All sources of ignition (hot surfaces, sparks, open flames etc) should be excluded from areas of preparation and application. All electrical equipment (including torches) should be protected (Ex) to the appropriate standard.

The product may charge electrostatically. Always use earthing leads when pouring solvents and transferring product. Operators should wear clothing which does not generate static (at least 60% natural fibre) and antistatic footwear; floors should be of conducting type.

Storage

Store in a well ventilated, dry place away from sources of heat and direct sunlight.

Store on concrete or other impervious floor, preferably with bunding to contain any spillage. Do not stack more than 3 pallets high.

Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in the original container or one of the same material.

Prevent unauthorised access.

This product is a flammable liquid. Refer to local storage and handling regulations pertaining to this type of material.

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8. Exposure controls and personal protection

Engineering Measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

Exposure Limits

Exposure standards are those provided by the ACGIH (American Conference of Government Industrial Hygenists).

Material	Short term (15 min. ave)		Long term (8hr time weighted average)		
	ppm	mg/M3	ppm	mg/M3	
1,2,4,-Trimethylbenzene			25	125	S
Naphtha (petroleum), hydrodesulfurized heavy				600	R
Xylene	150	662	100	441	S +

Key to notification

(P) Peak exposure limit
(R) Suppliers Recommended Limit
(Sk) There is a risk of absorption through unbroken skin
(Sen) Sensitiser
(Cat1) Category 1 - established human carcinogen
(Cat2) Category 2 - probable human carcinogen
(Cat3) Category 3 - substances suspected of having carcinogenic potential

Personal Protection

Respiratory Protection

When concentrations exceed the exposure limits shown above, workers must wear appropriate approved respirators. Provision of other controls such as exhaust ventilation should be considered if practical.

Eye Protection

Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids. Eyewear should comply with an approved standard.

Wear a full face shield if mixing or pouring operations pose a risk of splashes.

An eye wash station is suggested as a good work place practice.

Hand Protection

Gloves of an appropriate material should be worn during mixing and application.

Skin Protection

Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. Barrier creams may help to protect areas which are difficult to cover such as the face and neck. They should however not be applied once exposure has occurred. Petroleum jelly based types such as Vaseline should not be used. All parts of the body should be washed after contact.

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9. Physical and chemical properties

Physical State	Liquid
Colour	Coloured
Flash Point (C)	39
Autoignition temperature (℃)	230
Viscosity (cSt)	N/A
Specific Gravity	1.120
Solvent Weight %	100.00
Vapour Density	Heavier than air.
pH	Not Applicable
Lower Explosive Limit (%v/v air)	0.6
Solubility in Water	Immiscible
R.A.Q. to ventilate to 10% of the LEL (M3/l)	294
Odour	Smell of Solvent

10. Stability and reactivity

Stable under recommended storage and handling conditions (see section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, oxides of nitrogen and smoke.

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid possible exothermic reactions.

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11. Toxicological information

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LD50, mg/L/4hr
1,2,4,-Trimethylbenzene - (0000095-63-6)	-----	-----	-----
2-Butanone oxime - (0000096-29-7)	-----	-----	-----
Amyl acid phosphate - (0012789-46-7)	-----	-----	-----
Naphtha (petroleum), hydrodesulfurized heavy - (0064742-82-1)	-----	-----	-----
Naphtha (petroleum), hydrotreated heavy - (0064742-48-9)	-----	-----	-----
Organoclay - (0068911-87-5)	-----	-----	-----
Solvent Naphtha (Petroleum), light aromatic - (0064742-95-6)	-----	-----	-----
Titanium dioxide - (0013463-67-7)	10,000.00, Rat - Category: NA	-----	-----
Trimethyl benzene - (0025551-13-7)	8,970.00, Rat - Category: NA	-----	-----
Xylene - (0001330-20-7)	4,300.00, rat - Category: 5	1,700.00, rat - Category: 4	29.08, rat - Category: NA
Zirconium carboxylate - (0022464-99-9)	-----	-----	-----
Zirconium salts = 60 %w/w (Typical). - (0072854-21-8)	-----	-----	-----

There are no data available on the product itself.

Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

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12. Ecological information

There are no data available on the product itself.

The product should not be allowed to enter drains or water courses.

The product contains the following substances classified as dangerous for the environment.

1,2,4-trimethylbenzene: Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

13. Disposal considerations

Do not allow into drains or water courses. Wastes and empty containers should be disposed of in accordance with State and Federal regulations.

Using information provided in this data sheet advice should be obtained from the local Waste Regulation Authority as to whether special waste regulations apply.

14. Transport information

Transport only in accordance with the following regulations:

Road and Rail Transport	UN1263, Paint, CLASS 3, PG III, HAZCHEM *3Y

IMDG reference :	Class/Div	3	Subsidiary Class
	Proper Shipping Name	Paint	
	UN No	1263	
	Ems	F-E,S-E	
	Packaging Group	III	
	Marine Pollutant	Yes	

ICAO/IATA	Shipping Name	Paint
	Class	3
	UN No	1263
	Packaging Group	III

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15. Regulatory information

The product complies with these local regulations.

16. Other information

The information on this SDS is based upon the present state of our knowledge and on current law.
The product should not be used for purposes other than shown in the product data sheet without first obtaining written advice.

It is always the responsibility of the user to take all necessary steps to meet the demands of applicable legislation.

The information in this Safety Data Sheet is required according to legislation.

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