

Safety Data Sheet

CLC287

INTERLAC 665 SIGNAL RED

Version Number 7 Revision Date 01/22/10

1. Product and company identification

Product Name	INTERLAC 665 SIGNAL RED
Product Code	CLC287
Intended use	Refer Technical Data Sheet. For professional use only.
Application Method	Refer Technical Data Sheet.
Company Name	International Paint Singapore Pte Ltd 3 Neythal Road Jurong Town Singapore 628570
Telephone No.	+65 6261 5033
Fax No.	+65 6264 4612
24 hour Emergency Telephone No.	+65 6261 5033
For Poisons Advice telephone	For Advice to Doctors & Hospitals only

2. Hazard identification of the product**Warning**

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Akzo Nobel however makes no warranty as to the accuracy of and/or sufficiency of such information.

Safety Data Sheet

CLC287

INTERLAC 665 SIGNAL RED

Version Number 7 Revision Date 01/22/10

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	Not Classified	Not Applicable
Sensitization (respiratory)	Not Classified	Not Applicable
Sensitization (skin)	Not Classified	Not Applicable
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	1	Known to cause human aspiration toxicity hazards.
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	Not Classified	Not Applicable
Reproductive Toxicity	Not Classified	Not Applicable
Organic Peroxide	Not Classified	Not Applicable

S. Phrases;

Attention - Avoid exposure - obtain special instructions before use.

Do not breathe vapour/spray.

Wear suitable protective clothing.

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

Use only in well-ventilated areas.

Further information is given in section 11.



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Safety Data Sheet

CLC287

INTERLAC 665 SIGNAL RED

Version Number 7 Revision Date 01/22/10

3. Composition/information on ingredients

Mixture : Mixture

This product contains the following substances that present a hazard within the meaning of the Workplace Safety and Health Act.

Ingredient	CAS Number	Concentration Range%
Naphtha (petroleum), hydrodesulfurized heavy	0064742-82-1	25 - 50
Alkyd resin	0101377-55-3	25 - 50
Cristobalite	0014464-46-1	<1
1,2,4-trimethylbenzene	0000095-63-6	<1
Mineral oil (saturated paraffin oil)	0008012-95-1	<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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Safety Data Sheet

CLC287

INTERLAC 665 SIGNAL RED

Version Number 7 Revision Date 01/22/10

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.

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 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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Safety Data Sheet

CLC287

INTERLAC 665 SIGNAL RED

Version Number 7 Revision Date 01/22/10

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 is a flammable liquid. Refer to the requirements of SS 532:2007 (The Storage of Flammable Liquids).



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Safety Data Sheet

CLC287

INTERLAC 665 SIGNAL RED

Version Number 7 Revision Date 01/22/10

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

From the listed Exposure Standards for Atmospheric Contaminants given in the Workplace Safety and Health (General Provisions) Regulations.

Material	PEL (Short Term)		PEL (Long Term)		
	ppm	mg/M3	ppm	mg/M3	
1,2,4-trimethylbenzene			25	125	S
Naphtha (petroleum), hydrodesulfurized heavy				600	R

(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 the appropriate standard.

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

An eyewash 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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Safety Data Sheet

CLC287

INTERLAC 665 SIGNAL RED

Version Number 7 Revision Date 01/22/10

9. Physical and chemical properties

Physical State	Liquid
Colour	Red
Flash Point (C)	39
Autoignition Temperature (C)	230
Viscosity (cSt)	N/A
Specific Gravity	0.926
Solvent Weight %	46.85
Vapour Density	Heavier than air.
pH	0.0
Lower Explosive Limit (%v/v air)	0.6
Solubility in Water	Immiscible
R.A.Q. to ventilate to 10% of the LEL (M3/l)	115
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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Safety Data Sheet

CLC287

INTERLAC 665 SIGNAL RED

Version Number 7 Revision Date 01/22/10

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)	-----	-----	-----
Alkyd resin - (0101377-55-3)	-----	-----	-----
Cristobalite - (0014464-46-1)	-----	-----	-----
Mineral oil (saturated paraffin oil) - (0008012-95-1)	-----	-----	-----
Naphtha (petroleum), hydrodesulfurized heavy - (0064742-82-1)	-----	-----	-----

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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Safety Data Sheet

CLC287

INTERLAC 665 SIGNAL RED

Version Number 7 Revision Date 01/22/10

12. Ecological information

There are no data available on the product itself.

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

13. Disposal considerations

Do not allow into drains or water courses. Wastes and empty containers should be disposed of in accordance with local 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 1263, Paint, 3, III, 3[Y]
Transport

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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Safety Data Sheet

CLC287

INTERLAC 665 SIGNAL RED

Version Number 7 Revision Date 01/22/10

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 laws. 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.



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