



COLOURLAND MARINE & INDUSTRIAL FINISH

Colourland Paints Sdn Bhd

Version No. : 2.1.1

Issue Date: 1/06/2015

Safety Data Sheet according to CLASS requirement

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

Product Identifier

Product Name	Colourland Marine & Industrial Finish
Product Code	MIF XXX
Chemical Name	Not Applicable
Chemical Formula	Not Applicable
Other means of Identification	Enamel Gloss Paint
CAS Number	Not Applicable

Relevant use of the chemical and restriction

Relevant identified uses	Use according to manufacturer's directions
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Details of manufacturer / importer

Registered Company Name	Colourland Paints Sdn Bhd
Address	Lot 729, 15 1/2 Miles, Jalan Sungai Tiram, 81800 Ulu Tiram, Johor, Malaysia
Telephone	+607-8611 555
Fax	+607-8611 777
Email	contact@colourland.com.my
Web	http://www.colourland.com.my

Emergency telephone number

Association / Organisation	Not Applicable
Emergency telephone number	Not Applicable
Other emergency telephone number	Not Applicable

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substances or mixture

GHS Classification	Flammable liquid - Category 3, Specific Target Organ Toxicity (Single Exposure) (Narcosis effects) - Category 3
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Label elements

GHS label elements	
Signal word	Warning

Hazard statement(s)

H225	Flammable liquid and vapour
H336	May cause drowsiness or dizziness

Precautionary statement(s) Prevention

P210	Keep away from heat/sparks/open flames/hot surfaces-No smoking
P233	Keep container tightly closed
P261	Avoid breathing dust/fume/gas/mist/vapours/spray

Precautionary statement(s) Response

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P314	Get medical advice/.attention if you feel unwell

Precautionary statement(s) Storage

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
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Precautionary statement(s) Disposal

P501	Dispose of contents/container to authorised local landfill
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SECTION 3 COMPOSITION / INFORMATION OF INGREDIENTS

Classification of the substances or mixture	Mixtures
CAS number/other identifiers	Not applicable
CAS number	Not applicable
EC number	Mixture

CAS number	% [weight]	Name
64742-48-9	≥ 30 - < 60	Naphtha (petroleum), hydrotreated heavy
136-52-7	≥ 0.1 - < 0.25	hexanoic acid, 2-ethyl-, cobalt (2+) salt
22464-99-9	≥ 0.1 - < 0.3	hexanoic acid, 2-ethyl-, zirconium salt

SECTION 4 FIRST AID MEASURES

Description of first aid measure

Eye contact	<ul style="list-style-type: none"> Wash out immediately with fresh running water Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel
Skin contact	<ul style="list-style-type: none"> Flush skin and hair with running water (and soap if available) Seek medical attention in event of irritation
Inhalation	<ul style="list-style-type: none"> If overcome vapours, remove victim from the area to fresh air, keep warm and rest. Apply artificial respiration if not breathing. Transport to hospital, or doctor
Ingestion	<ul style="list-style-type: none"> Urgent hospital treatment is likely to be needed. If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain airway and prevent aspiration. Give water to rinse the mouth, then provide liquid slowly and as much as casualty can comfortably drink. Delayed effects can be expected after exposure. Transport to hospital or doctor without delay.

Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	No specific treatment
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, avoid providing aid from mouth to mouth resuscitation.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

Suitable Extinguishing media	<ul style="list-style-type: none"> ▪ Foam ▪ Carbon dioxide ▪ Dry chemical powder ▪ Sand
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Special hazards arising from the substances or mixtures

Fire Incompatibility	No data available. In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous Thermal decomposition products	Decomposition products may include the following materials: <ul style="list-style-type: none"> ▪ carbon dioxide ▪ carbon monoxide ▪ metal oxide / oxides

Advice for firefighters

Fire Fighting	<ul style="list-style-type: none"> ▪ Water can be used to cool the fire ▪ If the spill has no ignited use water to disperse vapour. ▪ Respiratory protection is required
Fire/Explosion Hazards	<ul style="list-style-type: none"> ▪ Liquid and vapour can form flammable at or above the flash point that is 35°C

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor Spills	<ul style="list-style-type: none"> ▪ Stop leak without risk. ▪ Clean up spills immediately
Major Spills	<ul style="list-style-type: none"> ▪ Stop leak without risk. ▪ Clear area of personnel and move upwind ▪ Clean-up spillages with non-combustible, absorbent material e.g. sand, wood dust and place in container for disposal according to local regulations. ▪ Prevent, by any means available, spillage from entering drains or water course <p>*Personal Protective Equipment advice is contained in Section 8 of the SDS</p>

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe Handling	<ul style="list-style-type: none"> ▪ Do not handle near open flame, heat, sparks, or strong oxidants. ▪ Put on appropriate personal protective equipment (refer Section 8). ▪ Open slowly in order to control possible pressure release. ▪ Avoid inhalation of vapour and contact with skin and eyes. ▪ Wash thoroughly after handling
Other information	<ul style="list-style-type: none"> ▪ Handle in well ventilated area. ▪ Keep tightly closed when not in use.

Conditions for safe storage, including any incompatibilities

Suitable container	<ul style="list-style-type: none"> ▪ Packing as supplied by manufacturer
Storage incompatibility	<ul style="list-style-type: none"> ▪ Avoid storage at potential ignition source area ▪ Avoid storage with strong oxidizing agents ▪ Do not store in unlabelled containers. ▪ Empty containers retain product residue and can be hazardous. Do not reuse container.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Ingredient Name	Exposure Limits
Naphtha (petroleum), hydrotreated heavy	DOSH (Malaysia, 4/2000) TWA: 525 mg/m ³ 8 hours. Form: All forms
hexanoic acid, 2-ethyl-, cobalt (2+) salt	EH40/2005 WELs (United Kingdom), 12/2011). Skin sensitizer. Notes: as Co TWA: 0.1 mg/m ³ , (as Co) 8 hours.
hexanoic acid, 2-ethyl-, zirconium salt	DOSH USECHH (Malaysia, 4/2000). Notes: as Zr TWA: 5 mg/m ³ , (as Zr) 8 hours.

Exposure Control

Appropriate engineering control	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
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Personal Protective equipment

Eye / face protection	Safety glasses
Skin and body protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved.
Respiratory protection	Use approved respiratory protection such as air supplied mask if used in enclosed spaces.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance / colour	Viscous Liquid with various of colours
Solid	<57%
Specific Gravity (@ 25°C)	0.90 - 1.15
*Boiling Point	205°C
*Melting Point	NA
*Vapour Pressure (@ 20°C)	0.248 Kpa.
Vapour Density (101.3 kPA / air=1)	>1
Evaporation Rate (n - Butyl Ether=1)	<1
Solubility	Mineral solvent, aromatic solvents, esters, ketones
Odour	Mild

SECTION 10 STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity available for this product or its ingredients
Chemical stability	The product is stable
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Condition to be avoid	Heat, Spark, open flame and static charge build-up
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced

SECTION 11 TOXICOLOGY INFORMATION

Information on toxicological effects

Acute toxicity	Not Available			
Skin corrosion or irritation	Not Available			
Serious eye damage or eye irritation	Not Available			
Respiratory sensitization	Not Available			
Germ cell mutagenicity	Not Available			
Carcinogenicity	Not Available			
Reproductive toxicity	Not Available			
Specific target organ toxicity (STOT)	Ingredient name	Category	Route of Exposure	Target Organs
	Naphtha (petroleum), hydrotreated heavy	Category 3	Not applicable	Narcosis effects
Aspiration hazard	Not Available			

Potential acute health effects

Eye contact	No known significant effects or critical hazards
Inhalation	No known significant effects or critical hazards
Skin contact	May cause an allergic skin reaction

Ingestion	No known significant effects or critical hazards
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Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	No specific data
Inhalation	No specific data
Skin contact	Adverse symptoms may include irritation or redness if exposed prolong and repeated
Ingestion	No specific data

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure Potential immediate effects	Not Available
Short term exposure Potential delayed effects	Not Available
Long term exposure Potential immediate effects	Not Available
Long term exposure Potential delayed effects	Not Available
Potential chronic health effects	Not Available
General	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	No known significant effects or critical hazards
Mutagenicity	No known significant effects or critical hazards
Teratogenicity	No known significant effects or critical hazards
Developmental effects	No known significant effects or critical hazards
Fertility effects	No known significant effects or critical hazards

SECTION 12 ECOLOGICAL INFORMATION





Toxicity	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. DO NOT discharge into sewer or waterways.
Persistence and degradability	No data available for ingredients
Bioaccumulative potential	No data available for ingredients
Mobility in Soil	No data available for ingredients
Other adverse effect	No known significant effects or critical hazards

SECTION 13 DISPOSAL INFORMATION

Waste Treatment Methods

Product / Packaging disposal	<ul style="list-style-type: none"> ▪ Generation waste should be avoided or minimised wherever possible ▪ Waste packaging should be recycle wherever possible ▪ Bury or incinerate residue at an approved site
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SECTION 14 TRANSPORT INFORMATION

	UN	ADR/RID	IMDG	IATA
UN number	1263	1263	1263	1263
UN proper shipping name	Paint	Paint	Paint	Paint
Transport hazard class (es)	3 	3 	3 	3 
Packing group	III	III	III	III
Environmental hazards	No	No	No	No

Special Precaution for user	Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.	Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.	Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.	Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
Additional information	-	Hazard identification number 30 Special provisions 640E Tunnel code (D/E)	Emergency schedules (EMS) F-E, S-E	-

SECTION 15 REGULATORY INFORMATION

Malaysia Inventory (EHS Register)	Not determined
Montreal protocol (Ozone Depleting Substances)	Not listed
Stockholm Convention (Persistent Organic Pollutants)	Not listed
Rotterdam Convention (Prior Informed Consent)	Not listed
Basel Convention (Hazardous Waste)	Not listed

SECTION 16 OTHER INFORMATION

Date of Printing	01.06.2015
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Version	2.1.1
Key to abbreviations	GHS = Globally Harmonized System of Classification and Labelling of Chemicals IMDG = International Maritime Dangerous Goods IATA = International Air Transport Association UN = United Nations

References	Not available
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