

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

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Chemical name:	COASTGARD 3
Application:	Clear Acrylic Laquer
SUPPLIER:	COASTAL GROUP
ADDRESS:	Global House, 3 Bojea Industrial Estate, Trethowel, St Austell, Cornwall, PL25 5RJ
EMERGENCY TELEPHONES/ FAX:	+ 44 (0) 1726 871726 / + 44 (0) 01726 871731

2. HAZARDS IDENTIFICATION

Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Irritating to eyes.

CLASSIFICATION Xi;R36. F+;R12. R66, R67.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-BUTOXYETHANOL	203-905-0	111-76-2	5-10% Xn;R20/21/22	Xi;R36/38
2-METHOXY-1-METHYLETHYL ACETATE	203-603-9	108-65-6	1-5%	R10 Xi;R36
ACETONE	200-662-2	67-64-1	30-60%	F;R11 Xi;R36 R66 R67
BUTANE	203-448-7	106-97-8	5-10%	F+;R12
ISOBUTANE	200-857-2	75-28-5	1-5%	F+;R12
METHYL METHACRYLATE	201-297-1	80-62-6	<1% F;R11	R43 Xi;R37/38
PROPANE	200-827-9	74-98-6	10-30%	F+;R12

4. FIRST AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION DO NOT INDUCE VOMITING!

Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Powder, Dry Chemicals, Sand, Dolomite, Fog & Mist.

SPECIAL FIRE FIGHTING PROCEDURES: Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

UNUSUAL FIRE & EXPLOSION HAZARDS: Aerosol cans may explode in fire.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS

Any spillage needs to be contained and not allowed to enter water courses

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7. HANDLING AND STORAGE

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USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8. HAZARDS IDENTIFICATION

Name	Std	TWA - 8 hrs	STEL - 15 min	 
2-BUTOXYETHANOL	WEL	25 ppm(Sk)	50 ppm(Sk)	
2-METHOXY-1-METHYLETHYL ACETATE	WEL	50 ppm(Sk) - 274 mg/m3(Sk)	100 ppm(Sk) 548 mg/m3(Sk)	
ACETONE			500 ppm 1210 mg/m3	
BUTANE	WEL	600 ppm 1450 mg/m3	750 ppm 1810 mg/m3	
ISOBUTANE	WEL	800 ppm	800 ppm	
METHYL METHACRYLATE	WEL	50 ppm 208 mg/m3	100 ppm 416 mg/m3	
PROPANE		Asphyxiating /Asphyxiating	Asphyxiating /Asphyxiating	

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. Use chemical cartridge protection with appropriate cartridge.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol
COLOUR	Colourless
ODOUR	Characteristic
SOLUBILITY	Insoluble in water
FLAMMABILITY LIMIT - LOWER(%)	0.8
FLAMMABILITY LIMIT - UPPER(%)	9.0

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10. STABILITY AND REACTIVITY

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STABILITY CONDITIONS TO AVOID

Stable under normal temperature conditions. Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

INHALATION

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Irritating to respiratory system.

INGESTION

May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT

Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause allergic contact eczema. May cause sensitisation by skin contact. Irritating to skin.

EYE CONTACT

Irritating to eyes. May cause chemical eye burns.

ROUTE OF ENTRY

Inhalation. Skin and/or eye contact.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION





UK ROAD CLASS	2
PROPER SHIPPING NAME	AEROSOLS
UN NO. ROAD	1950
ADR CLASS NO.	2
ADR PACK GROUP	N/A
ADR LABEL NO.	2.1
RID CLASS NO.	2
UN NO. SEA	1950
IMDG PACK GR.	N/A
MARINE POLLUTANT	No.
AIR CLASS	2.1

UK ROAD PACK GR.	N/A
ADR CLASS Class 2:	Gases
TUNNEL RESTRICTION CODE	(D)
CEFIC TEC(R) NO.	20G5F
RID PACK GROUP	N/A
IMDG CLASS	2.1
EMS	F-D, S-U
UN NO. AIR	1950
AIR PACK GR.	N/A

15. REGULATORY INFORMATION

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	IRRITANT	EXTREMELY FLAMMABLE	 
RISK PHRASES	R12 R36 R66 R67	Extremely flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.	
SAFETY PHRASES	S16 S23 S26 S37 S2 S51	Keep away from sources of ignition - No smoking. Do not breathe vapour/spray. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves. Keep out of the reach of children Use only in well-ventilated areas.	
UK REGULATORY REFERENCES		The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. The Control of Substances Hazardous to Health Regulations 2002.	
STATUTORY INSTRUMENTS		The Control of Substances Hazardous to Health Regulations 2002. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.	
APPROVED CODE OF PRACTICE		Classification and Labelling of Substances and Preparations Dangerous for Supply.	
GUIDANCE NOTES		Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.	
CHIP for everyone HSG(108).			

16. OTHER INFORMATION

REVISION DATE . 07/03/2011
REV. NO./REPL. SDS GENERATED 5

RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R37/38	Irritating to respiratory system and skin.
R43	May cause sensitisation by skin contact.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

CODE - CPS-3

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CoastGard 3 is an easy to apply durable protective coating

A fast drying coating used to protect against acids, alkalis and general weathering. For sealing and protecting metal, wood, and paper documents, leaving a smooth, transparent, scratch resistant film with good durability and toughness

The product has been selected by Coastal as part of the CoastGard system to protect ironmongery from the corrosive elements found in timber doors and window.

TECHNICAL DATA

Appearance:	Clear slightly viscous liquid
Odour:	Solvent
Contents:	Blend of acrylic copolymer, adhesion promoter and ultra violet absorber in acetone, 2 – butoxyethanol, 2-methoxy-1-methylethyl acetate and dioctyl phthalate in butane/ propane propellant.
Storage:	Below 50 deg C
Flash Point:	< 0 Deg C
Temperature Range:	Up to 50 deg continuous
Relative Density:	0.885
Pack Sizes:	12 x 400ml cans
Directions for Use:	Clean the surface thoroughly, removing all traces of grease, oil and dirt and un-sound coatings. Shake can well. Hold upright and spray evenly onto surface from 25 to 30cm. Allow to dry for 15 -30cm minutes. Allow 20 minutes between applications. After use, invert can and depress actuator.

BENEFITS

- Fast drying
- Excellent resistance to weathering and sunlight
- High resistance to mild acids and alkalis
- Touch and scratch resistant
- Good resistance to water and salt spray
- Easy to apply

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