

SAFETY DATA SHEET

348/W463 - WATER BASED BRICK AND TILE PAINT - MATT RED

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

SECTION 1: Identification of the substance/mixture and of the company/undertaking			
1.1. Product identifier			
Product name	348/W463 - WATER BASED BRICK A	ND TILE PAINT - MATT RED	
Product number	348/W463/65		
1.2. Relevant identified uses	of the substance or mixture and uses adv	vised against	
Identified uses	Paint.		
1.3. Details of the supplier of	the safety data sheet		
Supplier	COO-VAR Lockwood Street HULL UK HU2 0HN +441482328053 (T) +441482219266 (F) info@coo-var.co.uk	TEAL & MACKRILL EU B.V. Zandvoortstraat 69 1976 BN IJMUIDEN THE NETHERLANDS +441482328053 (T) +441482219266 (F) info@coo-var.co.uk	
Contact person	Technical Department -, 08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri, as above		
1.4. Emergency telephone number			
Emergency telephone	+44 (0) 1482 328053 Coo-Var (08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri)		
SDS No.	10641		
SECTION 2: Hazards identification			
2.1. Classification of the subs	tance or mixture		
Classification (EC 1272/2008)	<u>)</u>		
Physical hazards	Not Classified		
Health hazards	Not Classified		
Environmental hazards	Not Classified		
2.2. Label elements			
Hazard statements	NC Not Classified		
Precautionary statements	 P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P261 Avoid breathing vapour/ spray. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective clothing and gloves. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501 Dispose of contents/ container in accordance with national regulations. 		

Supplemental label information	Contains a biocidal product: C(M)IT/MIT (3:1) and BIT
Supplementary precautionary statements	P403+P235 Store in a well-ventilated place. Keep cool.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/informat	ion on ingredients		
3.2. Mixtures			
Calcium Carbonate		1	0-30%
CAS number: 1317-65-3	EC number: 215-279-6		
Classification Not Classified	Classificati -	ion (67/548/EEC or 1999/45/EC)	
Red Iron Oxide			1-5%
CAS number: 1309-37-1			
Classification Not Classified	Classificati -	ion (67/548/EEC or 1999/45/EC)	
Diatomaceous Earth			1-5%
CAS number: 61790-53-2	EC number: 310-127-6		
Classification Not Classified	Classificati -	ion (67/548/EEC or 1999/45/EC)	
Barium Sulphate			1-5%
CAS number: 7727-43-7	EC number: 231-784-4	REACH registration number: 01- 2119491274-35-0001	
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures			
4.1. Description of first aid measures			
General information	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person.		
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. Place unconscious person on their side in the recovery position and ensure breathing can take place.		
Ingestion	DO NOT induce vomiting. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.		

Skin contact	Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water.	
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.	
4.2. Most important symptoms	and effects, both acute and delayed	
General information	Get medical attention promptly if symptoms occur after washing.	
4.3. Indication of any immediat	e medical attention and special treatment needed	
Notes for the doctor	No specific recommendations.	
SECTION 5: Firefighting meas	ures	
5.1. Extinguishing media		
Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.	
5.2. Special hazards arising from	om the substance or mixture	
Specific hazards	The product is non-combustible. Toxic and corrosive gases or vapours.	
5.3. Advice for firefighters		
Protective actions during firefighting	Avoid breathing fire gases or vapours. Avoid the spillage or runoff entering drains, sewers or watercourses. Cool containers exposed to flames with water until well after the fire is out.	
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.	
SECTION 6: Accidental release	e measures	
6.1. Personal precautions, prot	ective equipment and emergency procedures	
Personal precautions	Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet.	
6.2. Environmental precautions	3	
Environmental precautions	Avoid discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.	
6.3. Methods and material for c	containment and cleaning up	
Methods for cleaning up	ing up Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.	
6.4. Reference to other sections		
Reference to other sections	For personal protection, see Section 8.	
SECTION 7: Handling and storage		
7.1. Precautions for safe handl	ing	

Usage precautions	Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Avoid inhalation of vapours and spray mists. Do not eat, drink or smoke when using the
	product. Good personal hygiene procedures should be implemented. Wash hands and any
	other contaminated areas of the body with soap and water before leaving the work site. The
	Manual Handling Operations Regulations may apply to the handling of containers of this
	product. To assist employers, the following method of calculating the weight for any pack size
	is given. Take the pack size volume in litres and multiply this figure by the specific gravity
	value given in section 9. This will give the net weight of the coating in kilograms. Allowance
	will then have to be made for the immediate packaging to give an approximate gross weight.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Store in closed original container at temperatures between 5°C and 25°C. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight. Keep container tightly closed. Keep containers upright. Store away from the following materials: Oxidising materials. Alkalis. Acids.
7.3. Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
Usage description	Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Calcium Carbonate

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust

Red Iron Oxide

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust Short-term exposure limit (15-minute): WEL 10 mg/m³ as Fe

Diatomaceous Earth

Long-term exposure limit (8-hour TWA): WEL 1.2 mg/m³ respirable dust

Barium Sulphate

Long-term exposure limit (8-hour TWA): 10 mg/m³ inhalable dust Long-term exposure limit (8-hour TWA): 4 mg/m³ respirable dust

Cellulose, 2 - hydroxyethyl ether, retarded

Long-term exposure limit (8-hour TWA): WEL 10 mg/m3 total dust Short-term exposure limit (15-minute): WEL 4 mg/m3 resp.dust

ZINC PYRITHIONE

Long-term exposure limit (8-hour TWA): WEL 0.35 mg/m³ WEL = Workplace Exposure Limit.

2,2,4 Trimethyl 1,3 Pentanediol Monoisobutyrate (CAS: 25265-77-4)

DNEL	Workers - Dermal; Long term systemic effects: 13.9 mg/kg/day Workers - Inhalation; Long term systemic effects: 49 mg/m ³ Consumer - Oral; Long term systemic effects: 8.33 mg/kg/day Consumer - Dermal; Long term systemic effects: 8.33 mg/kg/day Consumer - Inhalation; Long term systemic effects: 14.5 mg/m ³
PNEC	- Fresh water; 0.015 mg/l - Sediment (Freshwater); 0.78 mg/kg - STP; 7.5 mg/l - marine water; 0.002 mg/l - Sediment (Marinewater); 0.078 mg/kg - Soil; 0.147 mg/kg
DNEL	Sodium Benzoate (CAS: 532-32-1) Industry - Dermal; Long term systemic effects: 62.5 mg/kg/day Consumer - Dermal; Long term systemic effects: 31.25 mg/kg Consumer - Oral; Long term systemic effects: 16.6 mg/kg Workers - Inhalation; Long term systemic effects: 3 mg/m ³

Workers - Inhalation; Long term local effects: 0.1 mg/m³ Consumer - Inhalation; Long term systemic effects: 1.5 mg/m³ Consumer - Inhalation; Long term local effects: 0.06 mg/m³

8.2. Exposure controls

Protective equipment





Appropriate engineering controls	Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.	
Eye/face protection	Wear approved, tight fitting safety glasses where splashing is probable.	
Hand protection	To protect hands from chemicals, gloves should comply with European Standards EN388 and 374. As a general principle, exposure should be managed by means other than the provision of protective gloves. Manufacturers' performance data suggest that the optimum glove for use should be: Neoprene, nitrile, polyethylene or PVC. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.	
Other skin and body protection	Wear appropriate clothing to prevent reasonably probable skin contact.	
Hygiene measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.	
Respiratory protection	Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Viscous liquid. Coloured liquid.

Colour	Red.
Odour	Mild.
Odour threshold	Not determined.
Melting point	Not applicable.
Initial boiling point and range	Not determined.
Flash point	Not applicable.
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	1.30 @ @ 20 c°C
Bulk density	Not applicable.
Solubility(ies)	Miscible with water
Auto-ignition temperature	Not applicable.
Viscosity	2.5 (Rotothinner) P @ 25 C°C
Explosive properties	Not applicable.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.
9.2. Other information	
Volatile organic compound	This product contains a maximum VOC content of 23 g/litre.
SECTION 10: Stability and rea	activity
10.1. Reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
10.2. Chemical stability	
Stability	Stable at normal ambient temperatures and when used as recommended.
10.3. Possibility of hazardous	
Possibility of hazardous reactions	Not determined.
10.4. Conditions to avoid	
Conditions to avoid	Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Acids. Oxidising agents.
10.5. Incompatible materials	

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Materials to avoid	Strong alkalis. Strong acids. Strong oxidising agents.		
10.6. Hazardous decomposition	on products		
Hazardous decomposition products	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.		
SECTION 11: Toxicological int	formation		
11.1. Information on toxicological effects			
Toxicological effects	No data recorded.		
General information	No specific health hazards known.		
Inhalation	No specific health hazards known.		
Ingestion	No harmful effects expected from quantities likely to be ingested by accident.		
Skin contact	Prolonged contact may cause dryness of the skin.		
Eye contact	May cause temporary eye irritation.		
Acute and chronic health hazards	This product has low toxicity. Only large quantities are likely to have adverse effects on human health.		
Route of exposure	Skin absorption. Ingestion. Skin and/or eye contact.		
Medical considerations	Skin disorders and allergies.		

Toxicological information on ingredients.

1,2-BENZISOTHIAZOL-3(2H)-ONE

Acute toxicity - oral		
Acute toxicity oral (LD₅₀ mg/kg)	1,193.0	
Species	Rat	
ATE oral (mg/kg)	1,193.0	
Acute toxicity - dermal		
Acute toxicity dermal (LD₅₀ mg/kg)	4,115.0	
Species	Rat	
ATE dermal (mg/kg)	4,115.0	
		ZINC PYRITHIONE
Acute toxicity - oral		
ATE oral (mg/kg)	100.0	
Acute toxicity - dermal		
Acute toxicity dermal (LD₅₀ mg/kg)	2,000.0	
Species	Rat	
Skin corrosion/irritation		

Animal data	Not irritating.	
Respiratory sensitisation		
Respiratory sensitisation	Not sensitising.	
Skin sensitisation		
Skin sensitisation	Not sensitising.	
Carcinogenicity		
Carcinogenicity	There is no evidence that the product can cause cancer.	
Specific target organ toxicity - repeated exposure		
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.	
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)		
Acute toxicity - oral		
ATE oral (mg/kg)	100.0	
Acute toxicity - dermal		
ATE dermal (mg/kg)	50.0	
Acute toxicity - inhalation		
ATE inhalation (vapours mg/l)	0.5	
40. Feelewisel information		

SECTION 12: Ecological information

Ecotoxicity

There are no data on the ecotoxicity of this product.

12.1. Toxicity

Ecological information on ingredients.

BRONOPOL (INN)

Acute aquatic toxicity		
LE(C)₅₀	$0.01 < L(E)C50 \le 0.1$	
M factor (Acute)	10	
Chronic aquatic toxicity		
M factor (Chronic)	1	
1,2-BENZISOTHIAZOL-3(2H)-ONE		
Acute aquatic toxicity		
LE(C)₅₀	$0.1 < L(E)C50 \le 1$	
M factor (Acute)	1	
Acute toxicity - fish	LC₅₀, 96 hours: 2.18 mg/l, Oncorhynchus mykiss (Rainbow trout)	
Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 2.94 mg/l, Daphnia magna	
Acute toxicity - aquatic plants	EC₅₀, 72 hours: 0.11 mg/l, Pseudokirchneriella subcapitata	

	ZINC PYRITHIONE				
	Acute aquatic toxicity				
	LE(C)50	$0.1 < L(E)C50 \le 1$			
	M factor (Acute)	1			
Acute toxicity - fish		LC50, ~ 96 hours: 0.0026 mg/l, Pimephales promelas (Fat-head Minnow)			
	Acute toxicity - aquati invertebrates	c EC₅₀, ~ 48 hours: 0.0082 mg/l, Daphnia magna			
	Acute toxicity - aquati plants	c EC₅₀, 96 hours: 0.0012 mg/l, Marinewater algae			
	Chronic aquatic toxici	ty			
	M factor (Chronic)	1			
	Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)				
	Acute aquatic toxicity				
	LE(C)50	$0.001 < L(E)C50 \le 0.01$			
	M factor (Acute)	100			
	Chronic aquatic toxici	ty			
	M factor (Chronic)	100			
12.2. Persiste	ence and degradability	<u>/</u>			
Persistence a	and degradability The	e product is expected to be biodegradable.			
Ecological in	formation on ingredier	nts.			
		ZINC PYRITHIONE			
	Persistence and degradability	The product is readily biodegradable.			
12.3. Bioacci	umulative potential				
Bioaccumula	tive potential No	data available on bioaccumulation.			
Ecological in	formation on ingredier	nts.			
		ZINC PYRITHIONE			
	Bioaccumulative pote	ntial BCF: 50,			
	Partition coefficient	log Pow: 0.93			
12.4. Mobility	/ in soil				
Mobility	The	The product contains substances, which are water soluble and may spread in water systems.			
12.5. Results	of PBT and vPvB ass	sessment			
Results of PE assessment	PBT and vPvB This product does not contain any substances classified as PBT or vPvB.				
Ecological information on ingredients.					
		ZINC PYRITHIONE			

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Results of PBT and vPvB This substance is not classified as PBT or vPvB according to current EU criteria. assessment

12.6. Other adverse effects

Other adverse effects Not determined.

SECTION 13: Disposal considerations			
13.1. Waste treatment methods			
General information	Avoid the spillage or runoff entering drains, sewers or watercourses. Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.		
Disposal methods	Avoid the spillage or runoff entering drains, sewers or watercourses.		
Waste class	When this coating, in its liquid state, as supplied, becomes a waste, it is categorised as non- hazardous waste, with code 08 01 12 (WATER BASED LIQUID WASTE). Part used containers, not drained and/or rigorously scraped out and containing dry residues of the supplied coating, are categorised as non-hazardous waste, with code 08 01 12 (WATER BASED LIQUID WASTE). If mixed with other wastes, the above waste code may not be applicable. Used containers, drained and/or rigorously scraped out and containing dry residues of the supplied coating, are categorised as non-hazardous waste, with code 15 01 02 (plastic packaging) or 15 01 04 (metal packaging).		

SECTION 14: Transport information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

No information required.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Guidance	Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	 ATE: Acute Toxicity Estimate. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. CAS: Chemical Abstracts Service. DNEL: Derived No Effect Level. GHS: Globally Harmonized System. ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air. IMDG: International Maritime Dangerous Goods. LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose). PBT: Persistent, Bioaccumulative and Toxic substance. REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. PNEC: Predicted No Effect Concentration. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. SVHC: Substances of Very High Concern. vPvB: Very Persistent and Very Bioaccumulative. cATpE: Converted Acute Toxicity Point Estimate. EC₅₀: 50% of maximal Effective Concentration.
Classification abbreviations and acronyms	Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic) Asp. Tox. = Aspiration hazard Carc. = Carcinogenicity
	Eye Dam. = Serious eye damage Eye Irrit. = Eye irritation Resp. Sens. = Respiratory sensitisation Skin Irrit. = Skin irritation Skin Sens. = Skin sensitisation STOT SE = Specific target organ toxicity-single exposure STOT RE = Specific target organ toxicity-repeated exposure
Revision comments	Eye Irrit. = Eye irritation Resp. Sens. = Respiratory sensitisation Skin Irrit. = Skin irritation Skin Sens. = Skin sensitisation STOT SE = Specific target organ toxicity-single exposure
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Supersedes date	25/06/2020
SDS number	10641
SDS status	Approved.
Signature	Initials

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