



Paints, Primers and Specialist Coatings

SAFETY DATA SHEET

361/W168 - PRO-NETIC WATER BASED MAGNETIC CHALKBOARD PAINT - BLACK

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name 361/W168 - PRO-NETIC WATER BASED MAGNETIC CHALKBOARD PAINT - BLACK

Product number 361/W168/2

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Paint.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier

COO-VAR
Lockwood Street
Hull
HU2 0HN
+44 (0) 1482 328053(T)
+44 (0) 1482 219266(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 (08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri)

SDS No. 20409

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) -

2.2. Label elements

Hazard statements NC Not Classified

361/W168 - PRO-NETIC WATER BASED MAGNETIC CHALKBOARD PAINT - BLACK

Precautionary statements	P102 Keep out of reach of children.
	P101 If medical advice is needed, have product container or label at hand.
	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P262 Do not get in eyes, on skin, or on clothing.
	P271 Use only outdoors or in a well-ventilated area.
	P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Magnetite Iron Oxide			60-100%
CAS number: 1332-37-2	EC number: 215-570-8		
Classification	Classification (67/548/EEC or 1999/45/EC)		
Not Classified	-		
Monopropylene glycol			<1%
CAS number: 57-55-6	EC number: 200-338-0	REACH registration number: 01-2119456809-23-xxxx	
Classification	Classification (67/548/EEC or 1999/45/EC)		
Not Classified	-		
Hydroxyethyl cellulose			<1%
CAS number: 9004-62-0			
Classification	Classification (67/548/EEC or 1999/45/EC)		
Not Classified	-		

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.
----------------------------	---

361/W168 - PRO-NETIC WATER BASED MAGNETIC CHALKBOARD PAINT - BLACK

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations.

SECTION 5: Firefighting measures

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 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 measures

6.1. Personal precautions, protective 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

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 containment and cleaning up

Methods for cleaning 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 handling

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

361/W168 - PRO-NETIC WATER BASED MAGNETIC CHALKBOARD PAINT - BLACK

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

Magnetite Iron Oxide

Long-term exposure limit (8-hour TWA): 5 as Fe mg/m³
Short-term exposure limit (15-minute): WEL 10 as mg/m³ 10 as Fe

Monopropylene glycol

Long-term exposure limit (8-hour TWA): WEL 150 ppm 10 mg/m³

Hydroxyethyl cellulose

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

WEL = Workplace Exposure Limit

Monopropylene glycol (CAS: 57-55-6)

DNEL Industry/Professional - Inhalation; Long term systemic effects: 50 mg/m³
Industry/Professional - Inhalation; Long term local effects: 10 mg/m³
Consumer - Inhalation; Long term systemic effects: 168 mg/m³
Consumer - Inhalation; Long term local effects: 10 mg/m³

PNEC - Fresh water; 260 mg/l
- Marine water; 26 mg/l
- Sediment (Freshwater); 572 mg/l
- Sediment (Marinewater); 57.2 mg/l
- Soil; 50 mg/kg
- STP; 20000 mg/l

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.

361/W168 - PRO-NETIC WATER BASED MAGNETIC CHALKBOARD PAINT - BLACK

Hand protection	Wear protective gloves made of the following material: Neoprene, nitrile, polyethylene or PVC. 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. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.
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/m ³ . 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

Appearance	Coloured liquid.
Colour	Black.
Odour	Mild.
Odour threshold	Not determined.
pH	pH (concentrated solution): 7.5 - 9.0
Melting point	Not relevant.
Initial boiling point and range	>100°C @ 760 mm Hg
Flash point	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Relative density	~ 2.25 @ 20°C
Solubility(ies)	Miscible with water
Viscosity	9 - 12 Rotothinner P @ 25°C 0.9 - 1.0 Cone and plate P @ 25°C

9.2. Other information

Volatile organic compound	EU: (cat A/i): 140 g/l 2010. This product contains a maximum VOC content of 30 g/l.
----------------------------------	---

SECTION 10: Stability and reactivity

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 reactions

Possibility of hazardous reactions	Not determined.
---	-----------------

10.4. Conditions to avoid

361/W168 - PRO-NETIC WATER BASED MAGNETIC CHALKBOARD PAINT - BLACK

Conditions to avoid Avoid heat, flames and other sources of ignition. Avoid contact with the following materials:
Acids. Oxidising agents.

10.5. Incompatible materials

Materials to avoid Strong alkalis. Strong acids. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

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 entry Skin absorption. Ingestion. Skin and/or eye contact.

Medical considerations Skin disorders and allergies.

Toxicological information

Monopropylene glycol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 20,000.0

Species Rat

ATE oral (mg/kg) 20,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,100.0

Species Rabbit

ATE dermal (mg/kg) 2,100.0

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Not irritating.

Respiratory sensitisation

361/W168 - PRO-NETIC WATER BASED MAGNETIC CHALKBOARD PAINT - BLACK

Respiratory sensitisation Not sensitising.

Skin sensitisation

Skin sensitisation Not sensitising.

Hydroxyethyl cellulose**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 2,100.0

Species Rat

ATE oral (mg/kg) 2,100.0

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Respiratory sensitisation

Respiratory sensitisation There is no evidence that the product can cause respiratory hypersensitivity.

Skin sensitisation

Skin sensitisation Not sensitising.

SECTION 12: Ecological Information

Ecotoxicity There are no data on the ecotoxicity of this product.

12.1. Toxicity**Monopropylene glycol**

Acute toxicity - fish LC50, 96 hours: 40613 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, > 48 hours: 43500 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 96 hours: 19000 mg/l, Scenedesmus subspicatus
EC₅₀, 96 hours: 19000 mg/l, Freshwater algae

Acute toxicity - microorganisms NOEC, 18 hours: 20000 mg/l, Activated sludge

Hydroxyethyl cellulose

Acute toxicity - fish LC50, 96 hours: <1500 mg/l, Gadus morhua (Cod)
LC50, 96 hours: >500 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - microorganisms EC₅₀, : >1000 mg/l,

12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

Monopropylene glycol

Persistence and degradability The product is readily biodegradable.

361/W168 - PRO-NETIC WATER BASED MAGNETIC CHALKBOARD PAINT - BLACK

Biodegradation - Degradation 81%: > 28 days
- Degradation 96%: 64 days

Hydroxyethyl cellulose

Persistence and degradability The product is biodegradable.

Chemical oxygen demand < 1.5 g O₂/g substance

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Monopropylene glycol

Bioaccumulative potential The product is not bioaccumulating. BCF: < 100,

Partition coefficient log Pow: 1.07

Hydroxyethyl cellulose

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient log Pow: < 1%

12.4. Mobility in soil

Mobility The product contains substances, which are water soluble and may spread in water systems.

Monopropylene glycol

Mobility The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

Henry's law constant 0.00566 atm m³/mol @ @ 12 °C°C

12.5. Results of PBT and vPvB assessment

Monopropylene glycol

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

Hydroxyethyl cellulose

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

12.6. Other adverse effects

Other adverse effects Not determined.

Hydroxyethyl cellulose

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

361/W168 - PRO-NETIC WATER BASED MAGNETIC CHALKBOARD PAINT - BLACK

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.

Proper shipping name (ADR/RID) PAINT OR PAINT RELATED MATERIAL

Proper shipping name (IMDG) PAINT OR PAINT RELATED MATERIAL

Proper shipping name (ICAO) PAINT OR PAINT RELATED MATERIAL

Proper shipping name (ADN) PAINT OR PAINT RELATED MATERIAL

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).

361/W168 - PRO-NETIC WATER BASED MAGNETIC CHALKBOARD PAINT - BLACK

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

Revision comments This is first issue. Issued in new format for Reach compliance in accordance with EC 1272/2008 Issued in accordance with Annex II to REACH, as amended by Commission Regulation (EU) No. 453/2010

Issued by Technical Dept. (P.E.)

Revision date 16/02/2017

Revision 0

SDS number 20409

SDS status Approved.

Signature Initials _____

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.