



SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.
Issue date: 8/5/2025 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Trade name : UNIDOX ZINC RICH PRIMER 117
Product code : 117

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use
Use of the substance/mixture : Paint

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Witham Group
Outer Circle Road
LN2 4HL Lincoln – Lincolnshire
United Kingdom
T 01522 521192
enquiries@withamgroup.co.uk - www.withamgroup.co.uk

1.4. Emergency telephone number

Emergency number : 01522 521192 (Monday to Thursday 8.00-17.00, Friday 8.00-16.30)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to GB CLP (SI 2019:720 as amended)

Flammable liquids, Category 3	H226
Substances and Mixtures which, in contact with water, emit flammable gases, Category 1	H260
Specific target organ toxicity – Repeated exposure, Category 2	H373
Hazardous to the aquatic environment – Acute Hazard, Category 1	H400
Hazardous to the aquatic environment – Chronic Hazard, Category 1	H410

Full text of H- and EUH-statements: see section 16

8/5/2025 (Issue date)

GB - en

1/23



SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to GB CLP (SI 2019:720 as amended)

Hazard pictograms (GHS UK)



GHS02

GHS08

GHS09

Signal word (GHS UK)

: Danger

Contains

: ZINC POWDER - ZINC DUST (STABILISED)

Hazard statements (GHS UK)

: H226 - Flammable liquid and vapour.

H260 - In contact with water releases flammable gases which may ignite spontaneously.

H373 - May cause damage to organs through prolonged or repeated exposure.

H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (GHS UK)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P223 - Do not allow contact with water.

P231+P232 - Handle and store contents under inert gas. Protect from moisture.

P233 - Keep container tightly closed.

P240 - Ground and bond container and receiving equipment.

P241 - Use explosion-proof electrical, ventilating and lighting equipment.

2.3. Other hazards

Results of PBT and vPvB assessment

Component	
Substance(s) not meeting the PBT criteria of UK REACH regulation, in accordance with Annex XIII	ZINC POWDER - ZINC DUST (STABILISED) (7440-66-6), Toluene (108-88-3), XYLENE (1330-20-7), ZINC OXIDE (1314-13-2), NON CLASSIFIED COMPONENT, Hydrocarbons , C9, Aromatic (64742-95-6)
Substance(s) not meeting the vPvB criteria of UK REACH regulation, in accordance with Annex XIII	ZINC POWDER - ZINC DUST (STABILISED) (7440-66-6), Toluene (108-88-3), XYLENE (1330-20-7), ZINC OXIDE (1314-13-2), NON CLASSIFIED COMPONENT, Hydrocarbons , C9, Aromatic (64742-95-6)

Results of Endocrine Disruptor assessment

8/5/2025 (Issue date)

GB - en

2/23



SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Component

Substance(s) not considered as endocrine disrupting. They are not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, nor identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP	ZINC POWDER - ZINC DUST (STABILISED)(7440-66-6), XYLENE(1330-20-7), Hydrocarbons , C9, Aromatic(64742-95-6), NON CLASSIFIED COMPONENT, Toluene(108-88-3), ZINC OXIDE(1314-13-2)
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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to GB CLP (SI 2019:720 as amended)
ZINC POWDER - ZINC DUST (STABILISED)	CAS-No.: 7440-66-6 EC-No.: 231-175-3	≥ 70 – < 80	STOT RE 2, H373
XYLENE	CAS-No.: 1330-20-7 EC-No.: 215-535-7	≥ 5 – < 10	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) Skin Irrit. 2, H315 Aquatic Chronic 2, H411
Hydrocarbons , C9, Aromatic	CAS-No.: 64742-95-6 EC-No.: 918-668-5 UK Index-No.: 649-356-00-4	≥ 5 – < 10	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
NON CLASSIFIED COMPONENT	-	≥ 1 – < 5	Not classified
Toluene	CAS-No.: 108-88-3 EC-No.: 203-625-9	< 1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361d STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304

8/5/2025 (Issue date)

GB - en

3/23



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SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Name	Product identifier	%	Classification according to GB CLP (SI 2019:720 as amended)
ZINC OXIDE	CAS-No.: 1314-13-2 EC-No.: 215-222-5 UK Index-No.: 030-013-00-7	< 1	STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Comments

: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1% or more titanium dioxide which is in the form of or incorporated into particles with an aerodynamic diameter of less than or equal to 10um.

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general

: 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.

First-aid measures after inhalation

: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell. Place unconscious person on their side in the recovery position and ensure breathing can take place.

First-aid measures after skin contact

: Remove affected person from source of contamination. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Continue to rinse for at least 15 minutes and get medical attention.

First-aid measures after eye contact

: Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

First-aid measures after ingestion

: Do not induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects

: Get medical attention promptly if symptoms occur after washing.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

: Carbon dioxide. Dry powder. Foam.

Unsuitable extinguishing media

: Do not use a heavy water stream.

8/5/2025 (Issue date)

GB - en

4/23



SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

5.2. Special hazards arising from the substance or mixture

Fire hazard : This product is flammable.
Explosion hazard : May form flammable/explosive vapour-air mixture.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire : Eliminate all ignition sources if safe to do so. Evacuate area.
Firefighting instructions : Prevent fire fighting water from entering the environment.
Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing. EN 469.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Do not breathe vapours. Ventilate spillage area. No flames, no sparks. Eliminate all sources of ignition. See section 8 of the SDS for more information on personal protective equipment.

6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.
Emergency procedures : Cover spill with non combustible material, e.g.: sand/earth.

6.2. Environmental precautions

Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Cover spill with non combustible material, e.g.: sand, earth, vermiculite.
Methods for cleaning up : Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed container for disposal.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".



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SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed

: In use, may form flammable vapour-air mixture.

Precautions for safe handling

: Provide good ventilation in process area to prevent formation of vapour. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not eat, drink or smoke when using this product.

Hygiene measures

: Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Store in a well-ventilated place. Keep container tightly closed.

Incompatible products

: Oxidizing agent. Strong acids. Strong bases.

Incompatible materials

: Sources of ignition.

Storage temperature

: 5 – 25 °C Deg C

Heat and ignition sources

: Keep away from open flames, hot surfaces and sources of ignition.

7.3. Specific end use(s)

The identified uses for this product are detailed in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Hydrocarbons , C9, Aromatic (64742-95-6)

United Kingdom - Occupational Exposure Limits

WEL TWA (OEL TWA)	100 mg/m ³
	25 ppm

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8/5/2025 (Issue date)

GB - en

6/23



SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

8.1.4. DNEL and PNEC

ZINC POWDER - ZINC DUST (STABILISED) (7440-66-6)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	83 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	5 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.83 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2.5 mg/m ³
Long-term - systemic effects, dermal	83 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	20.6 µg/l
PNEC aqua (marine water)	6.1 µg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	235.6 mg/kg dwt
PNEC sediment (marine water)	121 mg/kg dwt
PNEC (Soil)	
PNEC soil	106.8 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	100 µg/l
XYLENE (1330-20-7)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	442 mg/m ³
Acute - local effects, inhalation	442 mg/m ³
Long-term - systemic effects, dermal	212 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	221 mg/m ³
Long-term - local effects, inhalation	221 mg/m ³
DNEL/DMEL (General population)	
Acute - systemic effects, inhalation	260 mg/m ³

8/5/2025 (Issue date)

GB - en

7/23



SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

XYLENE (1330-20-7)	
Acute - local effects, inhalation	260 mg/m ³
Long-term - systemic effects, oral	12.5 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	65.3 mg/m ³
Long-term - systemic effects, dermal	125 mg/kg bodyweight/day
Long-term - local effects, inhalation	65.3 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0.327 mg/l
PNEC aqua (marine water)	0.327 mg/l
PNEC aqua (intermittent, freshwater)	0.327 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	12.46 mg/kg dwt
PNEC sediment (marine water)	12.46 mg/kg dwt
PNEC (Soil)	
PNEC soil	2.31 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	6.58 mg/l
ZINC OXIDE (1314-13-2)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	83 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	5 mg/m ³
Long-term - local effects, inhalation	0.5 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.83 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2.5 mg/m ³
Long-term - systemic effects, dermal	83 mg/kg bodyweight/day

8/5/2025 (Issue date)

GB - en

8/23



SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

ZINC OXIDE (1314-13-2)

PNEC (Water)

PNEC aqua (freshwater)	20.6 µg/l
PNEC aqua (marine water)	6.1 µg/l

PNEC (Sediment)

PNEC sediment (freshwater)	117.8 mg/kg dwt
PNEC sediment (marine water)	56.5 mg/kg dwt

PNEC (Soil)

PNEC soil	35.6 mg/kg dwt
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PNEC (STP)

PNEC sewage treatment plant	100 µg/l
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8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Provide local exhaust or general room ventilation.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Protective goggles (EN 166)

8.2.2.2. Skin protection

Skin and body protection:

Long sleeved protective clothing

8/5/2025 (Issue date)

GB - en

9/23



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SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Hand protection:

Protective gloves against chemicals (EN 374)

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
repeated exposure	Nitrile rubber (NBR)	6 (> 480 minutes)	0.55		EN ISO 374

8.2.2.3. Respiratory protection

Respiratory protection:

Wear respiratory protection.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous liquid.
Colour	: Grey.
Odour	: Hydrocarbon.
Odour threshold	: Not available
pH	: Technically not feasible.
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flash point	: 23 °C Setaflash closed cup.
Flammability	: Not available
Explosive limits	: Not available
Vapour pressure	: 1.5 mm Hg at 20 Deg C
Vapour pressure at 50°C	: Not available
Relative vapour density at 20°C	: Not available
Relative density	: 2.817 at 20 Deg C
Density	: Not available
Solubility	: Material insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available

8/5/2025 (Issue date)

GB - en

10/23



SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Viscosity, kinematic : 4.5 – 5 at 20 Deg C
Explosive properties : Not available

9.2. Other information

VOC content : ≤ 493 g/l
Particle characteristics : Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Avoid open fire or flames. Avoid formation of vapours. No flames, no sparks. Eliminate all sources of ignition. No smoking.

10.5. Incompatible materials

Oxidizing agent. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. May liberate toxic gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)



SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

ZINC POWDER - ZINC DUST (STABILISED) (7440-66-6)

LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LC50 Inhalation - Rat	> 5.41 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

XYLENE (1330-20-7)

LD50 oral rat	3523 mg/kg Source: ECHA
LD50 dermal rabbit	12126 mg/kg bodyweight Animal: rabbit, Animal sex: male
LC50 Inhalation - Rat [ppm]	5922 ppm

ZINC OXIDE (1314-13-2)

LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
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Hydrocarbons , C9, Aromatic (64742-95-6)

LD50 dermal rabbit	> 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 6193 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other:

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: Technically not feasible.

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: Technically not feasible.

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

XYLENE (1330-20-7)

IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)

Toluene (108-88-3)

STOT-single exposure	May cause drowsiness or dizziness.
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Hydrocarbons , C9, Aromatic (64742-95-6)

STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.
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8/5/2025 (Issue date)

GB - en

12/23



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UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

ZINC POWDER - ZINC DUST (STABILISED) (7440-66-6)

LOAEL (oral, rat, 90 days)	53.8 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (oral, rat, 90 days)	31.52 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Toluene (108-88-3)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
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XYLENE (1330-20-7)

LOAEL (oral, rat, 90 days)	150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)
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ZINC OXIDE (1314-13-2)

LOAEL (dermal, rat/rabbit, 90 days)	75 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
NOAEL (oral, rat, 90 days)	31.52 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Hydrocarbons , C9, Aromatic (64742-95-6)

NOAEL (oral, rat, 90 days)	600 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
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Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

UNIDOX ZINC RICH PRIMER 117

Viscosity, kinematic	4.5 – 5 at 20 Deg C
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Other information

No additional information available

8/5/2025 (Issue date)

GB - en

13/23



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SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term : Very toxic to aquatic life.
(acute)

Hazardous to the aquatic environment, long-term : Very toxic to aquatic life with long lasting effects.
(chronic)

XYLENE (1330-20-7)

LC50 - Fish [1]	2.6 mg/l Source: ECHA
EC50 - Crustacea [1]	> 3.4 mg/l Test organisms (species): Ceriodaphnia dubia
LOEC (chronic)	3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	> 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'

Hydrocarbons , C9, Aromatic (64742-95-6)

EC50 72h - Algae [1]	0.42 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	0.29 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

12.2. Persistence and degradability

UNIDOX ZINC RICH PRIMER 117

Persistence and degradability	The product is not expected to be biodegradable.
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ZINC POWDER - ZINC DUST (STABILISED) (7440-66-6)

Persistence and degradability	Not rapidly degradable
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Toluene (108-88-3)

Persistence and degradability	Not rapidly degradable
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XYLENE (1330-20-7)

Persistence and degradability	Not rapidly degradable
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ZINC OXIDE (1314-13-2)

Persistence and degradability	Not rapidly degradable
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8/5/2025 (Issue date)

GB - en

14/23



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SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

NON CLASSIFIED COMPONENT

Persistence and degradability	Not rapidly degradable
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Hydrocarbons , C9, Aromatic (64742-95-6)

Persistence and degradability	Not rapidly degradable
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12.3. Bioaccumulative potential

UNIDOX ZINC RICH PRIMER 117

Bioaccumulative potential	Not established.
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XYLENE (1330-20-7)

Partition coefficient n-octanol/water (Log Pow)	3.15 Source: HSDB
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12.4. Mobility in soil

UNIDOX ZINC RICH PRIMER 117

Ecology - soil	The product contains volatile organic compounds(voc) which will evaporate easily from all surfaces.
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12.5. Results of PBT and vPvB assessment

Component

ZINC POWDER - ZINC DUST (STABILISED) (7440-66-6)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
Toluene (108-88-3)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
XYLENE (1330-20-7)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
ZINC OXIDE (1314-13-2)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
NON CLASSIFIED COMPONENT	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
Hydrocarbons , C9, Aromatic (64742-95-6)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII

8/5/2025 (Issue date)

GB - en

15/23



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UNIDOX ZINC RICH PRIMER 117

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12.6. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

UNIDOX ZINC RICH PRIMER 117

Other information	The product contains volatile organic compounds(vos's) which have a photochemical ozone creation potential.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Discharging into rivers and drains is forbidden. Dispose in a safe manner in accordance with local/national regulations.

Ecological waste information : Avoid release to the environment.

European List of Waste (LoW, EC 2000/532) : 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances
15 01 02 - plastic packaging
15 01 04 - metallic packaging

HP Code : HP3 - "Flammable:"
– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
– flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.
HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment



SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 1263	UN 1263	UN 1263	UN 1263	UN 1263
14.2. UN proper shipping name				
PAINT (PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound))	PAINT (PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound))	Paint (PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound))	PAINT (PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound))	PAINT (PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound))
Transport document description				
UN 1263 PAINT (PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)), 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT (PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)), 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1263 Paint (PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)), 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT (PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)), 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT (PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)), 3, III, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
3	3	3	3	3
14.4. Packing group				
III	III	III	III	III

8/5/2025 (Issue date)

GB - en

17/23



SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

ADR	IMDG	IATA	ADN	RID
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes

No supplementary information available

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: F1
Special provisions (ADR)	: 163, 367, 650
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T2
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Operation (ADR)	: S2
Hazard identification number (Kemler No.)	: 30
Orange plates	: 1263

Tunnel restriction code (ADR)

: D/E

EAC code

: •3Y

Transport by sea

Special provisions (IMDG)	: 163, 223, 367, 955
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T2

8/5/2025 (Issue date)

GB - en

18/23



SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-E
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Miscibility with water depends upon the composition.

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provisions (IATA)	: A3, A72, A192
ERG code (IATA)	: 3L

Inland waterway transport

Classification code (ADN)	: F1
Special provisions (ADN)	: 163, 367, 650
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 0

Rail transport

Classification code (RID)	: F1
Special provisions (RID)	: 163, 367, 650
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T2
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBF
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Colis express (express parcels) (RID)	: CE4
Hazard identification number (RID)	: 30

8/5/2025 (Issue date)

GB - en

19/23



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SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. National regulations

UK REACH Annex XVII (Restriction List)

This product contains no substance(s) listed on UK REACH Annex XVII (Restriction List) equal to or above the level of SDS disclosure

UK REACH Annex XIV (Authorisation List)

This product contains no substance(s) listed on UK REACH Annex XIV (Authorisation List) equal to or above the 0.1% level of disclosure

UK REACH Candidate List (SVHC)

This product contains no substance(s) listed on the UK REACH Candidate List (SVHC) above the 0.1% level of disclosure

GB PIC regulation (Prior Informed Consent)

This product contains no substance(s) listed on the GB PIC List equal to or above the level of SDS disclosure

POP Regulation (Persistent Organic Pollutants)

This product contains no substance(s) listed on the GB POP List equal to or above the level of SDS disclosure

Ozone Regulation (S.I. No. 168 of 2015)

This product contains no substance(s) listed on the GB Ozone Depletion List equal to or above the level of SDS disclosure

Control of Poisons and Explosives Precursors Act

This product contains no substance(s) listed as a reportable poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains no substance(s) listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains no substance(s) listed as a reportable explosive precursor on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This substance is not listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations

Drug Precursors Regulation (EC 273/2004)

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure

15.1.2. Other Information

VOC content : ≤ 493 g/l

8/5/2025 (Issue date)

GB - en

20/23



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SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

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15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Abbreviations and acronyms:

CAS-No.	Chemical Abstract Service number
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
ED	Endocrine disruptor
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
IOELV	Indicative Occupational Exposure Limit Value
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level

8/5/2025 (Issue date)

GB - en

21/23



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SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

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Abbreviations and acronyms:

N.O.S.	Not Otherwise Specified
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
TRGS	Technical Rules for Hazardous Substances
ThOD	Theoretical oxygen demand (ThOD)
VOC	Volatile Organic Compounds
WGK	Water Hazard Class
vPvB	Very Persistent and Very Bioaccumulative

Other information : Technical Manager.

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2

8/5/2025 (Issue date)

GB - en

22/23



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SAFETY DATA SHEET - PAINTS

UNIDOX ZINC RICH PRIMER 117

Safety Data Sheet

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Full text of H- and EUH-statements:

Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Pyr. Sol. 1	Pyrophoric Solids, Category 1
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
Water-react. 1	Substances and Mixtures which, in contact with water, emit flammable gases, Category 1
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H250	Catches fire spontaneously if exposed to air.
H260	In contact with water releases flammable gases which may ignite spontaneously.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Safety Data Sheet (SDS), UK

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

8/5/2025 (Issue date)

GB - en

23/23



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