

SAFETY DATA SHEET
RED OXIDE HB ZINC PHOSPHATE PRIMER

Page: 1

Compilation date: 28/06/2016

Revision No: 1.1

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

1.1. Product identifier

Product name: RED OXIDE HB ZINC PHOSPHATE PRIMER

Product code: S3242

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

1.3. Details of the supplier of the safety data sheet

Company name: TOWNELEY PAINTS

UNIT 7 DEAN MILL

PLUMBE STREET

Burnley

LANCASHIRE

BB11 3AG

UK

Tel: +44 (0) 1282 423361

Fax: +44 (0) 1282 414573

Email: info@advance-cp.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 1282 423361

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: F: R11; Xn: R20/21; Xi: R38; Xn: R40; Sens.: R43

Classification under CLP: Carc. 2: H351; Eye Irrit. 2: H319; Flam. Liq. 2: H225; Skin Irrit. 2: H315; Skin Sens. 1: H317

Most important adverse effects: Highly flammable. Harmful by inhalation and in contact with skin. Irritating to skin.
Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact.

2.2. Label elements

Label elements under CLP:

Hazard statements: H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H351: Suspected of causing cancer.

Signal words: Danger

Hazard pictograms: GHS02: Flame

SAFETY DATA SHEET
RED OXIDE HB ZINC PHOSPHATE PRIMER

Page: 2

GHS07: Exclamation mark

GHS08: Health hazard



Precautionary statements: P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P241: Use explosion-proof electrical/ventilating/lighting/.. equipment.
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+350: IF ON SKIN: Gently wash with plenty of soap and water.
P302+352: IF ON SKIN: Wash with plenty of soap and water.

Label elements under CHIP:

Hazard symbols: Highly flammable.

Harmful.



Risk phrases: R11: Highly flammable.
R20/21: Harmful by inhalation and in contact with skin.
R38: Irritating to skin.
R40: Limited evidence of a carcinogenic effect.
R43: May cause sensitisation by skin contact.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ALKYD RESIN SOLUTION

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	-	-: R10; Xn: R20/21; Xi: R38	Acute Tox. 4: H312; Skin Irrit. 2: H315; Acute Tox. 4: H332	30-50%

[cont...]

SAFETY DATA SHEET
RED OXIDE HB ZINC PHOSPHATE PRIMER

Page: 3

XYLENE

215-535-7	1330-20-7	-: R10; Xn: R20/21; Xi: R38	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	10-30%
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ZINC PHOSPHATE

231-944-3	7779-90-0	-	Aquatic Acute 1: H400	1-10%
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10% CALCIUM DRIER

-	-	Xi: R38	Skin Irrit. 2: H315	<1%
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10% COBALT DRIER

-	-	Xn: R22; Xi: R38; Sens.: R43; Xn: R65	Acute Tox. 4: H302; Skin Irrit. 2: H315; Skin Sens. 1: H317	<1%
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18% ZIRCONIUM DRIER

-	22464-99-9	Xi: R38; Xn: R65	Skin Irrit. 2: H315; Asp. Tox. 1: H304	<1%
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METHYL ETHYL KETOXIME

202-496-6	96-29-7	Xn: R21; Xn: R40; Xi: R41; Sens.: R43	Acute Tox. 4: H312; Eye Dam. 1: H318; Carc. 2: H351; Skin Sens. 1: H317	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

[cont...]

SAFETY DATA SHEET
RED OXIDE HB ZINC PHOSPHATE PRIMER

Page: 4

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Avoid the formation or spread of mists in the air.
Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

[cont...]

SAFETY DATA SHEET
RED OXIDE HB ZINC PHOSPHATE PRIMER

Page: 5

ALKYD RESIN SOLUTION

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	100ppm	150ppm	-	-

XYLENE

UK	220 mg/m ³	441 mg/m ³	-	-
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ZINC PHOSPHATE

UK	10 mg/m ³	-	-	-
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10% CALCIUM DRIER

UK	1000 mg/m ³	-	-	-
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METHYL ETHYL KETOXIME

UK	10 mg/m ³	-	-	-
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8.2. Exposure controls

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Viscosity: Viscous

Boiling point/range°C: >35

Flash point°C: <21

pH: Approx. 7

9.2. Other information

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

[cont...]

SAFETY DATA SHEET
RED OXIDE HB ZINC PHOSPHATE PRIMER

Page: 6

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH DRM	Hazardous: calculated
Irritation	DRM	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

[cont...]

SAFETY DATA SHEET
RED OXIDE HB ZINC PHOSPHATE PRIMER

Page: 7

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

[cont...]

SAFETY DATA SHEET

RED OXIDE HB ZINC PHOSPHATE PRIMER

Page: 8

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H400: Very toxic to aquatic life.

R10: Flammable.

R11: Highly flammable.

R20/21: Harmful by inhalation and in contact with skin.

R21: Harmful in contact with skin.

R22: Harmful if swallowed.

R38: Irritating to skin.

R40: Limited evidence of a carcinogenic effect.

R41: Risk of serious damage to eyes.

R43: May cause sensitisation by skin contact.

R65: Harmful: may cause lung damage if swallowed.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.