



## SAFETY DATA SHEET

### UNIDOX RED OXIDE METALPRIMER 173

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	UNIDOX RED OXIDE METALPRIMER 173		
PRODUCT NO.	173		
APPLICATION	Paint		
SUPPLIER	Witham Group Stanley Road Oulton Broad Lowestoft Suffolk NR33 9ND Tel: 01502 563434 Fax: 01502 500010 enquiries@withamgroup.co.uk	MANUFACTURER	Witham Group Stanley Road Oulton Broad Lowestoft Suffolk NR33 9ND Tel: 01502 563434 Fax: 01502 500010 enquiries@withamgroup.co.uk
EMERGENCY TELEPHONE	(01502) 563434 Monday to Friday 8.00am to 5.00pm		

#### 2 HAZARDS IDENTIFICATION

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Flammable.

CLASSIFICATION N;R51/53. R66, R10.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
1,2,4-TRIMETHYLBENZENE	202-436-9	95-63-6	< 1%	R10 Xn;R20 Xi;R36/37/38 N;R51/53
CALCIUM CARBONATE		1317-65-3	10-30%	-
ETHYL METHYL KETOXIME	202-496-6	96-29-7	< 1%	Carc. Cat. 3;R40 Xn;R21 R43 Xi;R41
NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT HYD	265-185-4	64742-82-1	30-60%	Xn;R65. N;R51/53. R10,R66.
PROPAN-2-OL	200-661-7	67-63-0	< 1%	F;R11 Xi;R36 R67
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA	265-199-0	64742-95-6	< 1%	Xn;R65. N;R51/53. R66,R67,R10.
TRIZINC BIS(ORTHOPOSPHATE)	231-944-3	7779-90-0	10-30%	N;R50/53

The Full Text for all R-Phrases are Displayed in Section 16

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

Keep the affected person warm and at rest. Get prompt medical attention. Do not give victim anything to drink if they are unconscious.

##### INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. If breathing stops, provide artificial respiration. Place unconscious person on the side in the recovery position and ensure breathing

##### INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! DO NOT induce vomiting. Get medical attention immediately. Provide rest, warmth and fresh air.

##### SKIN CONTACT

Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Do NOT use solvents or thinners.

##### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Get medical attention immediately. Continue to rinse.

## UNIDOX RED OXIDE METALPRIMER 173

### 5 FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA**

Fire can be extinguished using: Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.

**SPECIAL FIRE FIGHTING PROCEDURES**

Keep run-off water out of sewers and water sources. Dike for water control. Cool containers exposed to flames with water until well after the fire is out. Move container from fire area if it can be done without risk. If risk of water pollution occurs, notify appropriate authorities.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

May explode in a fire. May travel considerable distance to source of ignition and flash back.

**SPECIFIC HAZARDS**

By fire, toxic gases may be formed (COx, NOx).

### 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

**SPILL CLEAN UP METHODS**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Keep combustibles away from spilled material. Provide ventilation and confine spill. Do not allow runoff to sewer. Wash thoroughly after dealing with a spillage. Inform Authorities if large amounts are involved. Absorb with inert, damp, non-combustible material, then flush area with water.

### 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS**

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Wear full protective clothing for prolonged exposure and/or high concentrations. Vapours are heavier than air and may spread near ground to sources of ignition. The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures. Use engineering controls to reduce air contamination to permissible exposure level. Use explosion proof electric equipment.

**USAGE DESCRIPTION**

Avoid inhalation of vapours and contact with skin and eyes. Rags and the like, moistened with flammable liquids, must be discarded into designated fireproof bucket.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry, cool and well-ventilated place. Store in closed original container at temperatures between 5°C and 25°C. Store away from Acids. Oxidising material. Alkalies.

**STORAGE CLASS**

Chemical storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
CALCIUM CARBONATE	MEL		.1 mg/m3			
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = Workplace Exposure Limit.

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT**



**PROCESS CONDITIONS**

Provide eyewash station.

**ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

**UNIDOX RED OXIDE METALPRIMER 173****RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. If ventilation is insufficient, suitable respiratory protection must be provided.

**HAND PROTECTION**

Use suitable protective gloves if risk of skin contact. Use protective gloves made of: Nitrile.

**EYE PROTECTION**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

**HYGIENE MEASURES**

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes wet or contaminated. When using do not eat, drink or smoke. **DO NOT SMOKE IN WORK AREA!** Use appropriate hand lotion to prevent defatting and cracking of skin.

**SKIN PROTECTION**

Wear apron or protective clothing in case of splashes.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Coloured liquid		
COLOUR	Red brown		
ODOUR	ALIPHATIC HYDROCARBON		
SOLUBILITY	Immiscible with water		
BOILING POINT (°C)	152 760 mm Hg	RELATIVE DENSITY	1.22 20 DEG C
VAPOUR DENSITY (air=1)	> 1.0	VAPOUR PRESSURE	3.1 mm Hg 20 DEG C
VISCOSITY	3.0-3.2 20 DEG C	FLASH POINT (°C)	>32 DEG C Sh CC (Setaflash closed cup).
VOLATILE ORGANIC COMPOUND (VOC)	476 g/litre		

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition.

**MATERIALS TO AVOID**

Strong oxidising substances. Acids - organic. Strong alkalis.

**HAZARDOUS DECOMPOSITION PRODUCTS**

By fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

**11 TOXICOLOGICAL INFORMATION****INHALATION**

Harmful by inhalation. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Vapours may cause headache, fatigue, dizziness and nausea.

**INGESTION**

Harmful if swallowed.

**SKIN CONTACT**

Product has a defatting effect on skin. Prolonged contact may cause redness, irritation and dry skin.

**EYE CONTACT**

Irritation of eyes and mucous membranes.

**HEALTH WARNINGS**

Swallowing concentrated chemical may cause severe internal injury.

**MEDICAL SYMPTOMS**

Upper respiratory irritation. Nausea, vomiting. Allergic rash.

**MEDICAL CONSIDERATIONS**

Skin disorders and allergies.

**12 ECOLOGICAL INFORMATION**

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**ECOTOXICITY**

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

**MOBILITY**

The product is insoluble in water and will spread on the water surface.

**DEGRADABILITY**

The product is biodegradable.

## 13 DISPOSAL CONSIDERATIONS

**GENERAL INFORMATION**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Absorb in vermiculite or dry sand, dispose in licensed hazardous waste.

## 14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	PAINT		
UN NO. ROAD	1263	ADR CLASS NO.	3
ADR CLASS	Class 3: Flammable liquids.	ADR PACK GROUP	III
IMDG CLASS	3.3	IMDG PACK GR.	III
MARINE POLLUTANT			



## 15 REGULATORY INFORMATION

**LABELLING**



Dangerous for the environment

**RISK PHRASES**

R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66	Repeated exposure may cause skin dryness or cracking.
R10	Flammable.

**SAFETY PHRASES**

S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S37	Wear suitable gloves.
S43	In case of fire, use alcohol-resistant foam, carbon dioxide or dry powder. Never use water.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
P14	Contains ETHYL METHYL KETOXIME. May produce an allergic reaction.

**UNIDOX RED OXIDE METALPRIMER 173**

## EU DIRECTIVES

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**16 OTHER INFORMATION**

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Technical manager

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## RISK PHRASES IN FULL

NC	Not classified.
R10	Flammable.
R11	Highly flammable.
R20	Harmful by inhalation.
R21	Harmful in contact with skin.
R36	Irritating to eyes.
R36/37/38	Irritating to eyes, respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

## DISCLAIMER

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