



**SAFETY DATA SHEET**  
151 RED OXIDE PRIMER - LOW VOC

Page: 1

Compilation date: 08/07/2010

Revision date: 14/08/2015

Revision No: 9

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

**1.1. Product identifier**

**Product name:** 151 RED OXIDE PRIMER - LOW VOC

**Product code:** DY020A

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

**Use of substance / mixture:** \* SU 21 - Consumer Uses.

PC9a: Coatings and paints, thinners, paint removers.

**1.3. Details of the supplier of the safety data sheet**

**Company name:** 151 Products Limited  
The Old School House  
39 Bengal Street  
Manchester  
M4 6AF  
UK

**Tel:** 0161 839 5949

**Fax:** 0161 839 5493

**Email:** [fereshteh@151.co.uk](mailto:fereshteh@151.co.uk)

**1.4. Emergency telephone number**

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Asp. Tox. 1: H304; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315

**Most important adverse effects:** Flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H226: Flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H411: Toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS02: Flame  
GHS07: Exclamation mark

[cont...]

**SAFETY DATA SHEET**  
151 RED OXIDE PRIMER - LOW VOC

Page: 2

GHS08: Health hazard

GHS09: Environmental



**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280: Wear protective gloves.

P264: Wash hands & exposed skin thoroughly after handling.

P273: Avoid release to the environment.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/NHS111.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403+233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents/container to Local Authority regulations.

**2.3. Other hazards**

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

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

LOW BOILING POINT NAPHTHA - UNSPECIFIED - STODDARD SOLVENT

EINECS	CAS	PBT / WEL	CLP Classification	Percent
232-489-3	8052-41-3	-	Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	10-25%

IRON (III) OXIDE

215-168-2	1309-37-1	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335	10-25%
-----------	-----------	---	--	--------

KAOLIN

310-194-1	1332-58-7	Substance with a Community workplace exposure limit.	-	10-25%
-----------	-----------	--	---	--------

[cont...]

**SAFETY DATA SHEET**  
151 RED OXIDE PRIMER - LOW VOC

Page: 3

**BARIUM SULPHATE**

231-784-4	7727-43-7	Substance with a Community workplace exposure limit.	-	5-10%
-----------	-----------	--	---	-------

**XYLENE**

215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	3-5%
-----------	-----------	---	---	------

**TITANIUM DIOXIDE**

236-675-5	13463-67-7	Substance with a Community workplace exposure limit.	-	1-3%
-----------	------------	--	---	------

**ZINC OXIDE**

-	1314-13-2	-	Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<1%
---	-----------	---	--	-----

**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Get immediate medical attention.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.

**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:** There may be irritation of the throat with a feeling of tightness in the chest.

**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:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

**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.

[cont...]

**SAFETY DATA SHEET**  
151 RED OXIDE PRIMER - LOW VOC

**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. Eliminate all sources of ignition.

**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:** Do not eat, drink or smoke when using this product. Ensure there is sufficient ventilation of the area.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. KEEP OUT OF THE REACH OF CHILDREN.

**Suitable packaging:** \* Must only be kept in original packaging.

**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:**

**IRON (III) OXIDE**

**Workplace exposure limits:**

**Respirable dust**

State	IRON (III) OXIDE		Respirable dust	
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5mg/m3	10mg/m3	-	-

**KAOLIN**

UK	2mg/m3	-	-	-
----	--------	---	---	---

**SAFETY DATA SHEET**  
151 RED OXIDE PRIMER - LOW VOC

Page: 5

**BARIUM SULPHATE**

UK	-	-	4mg/m3	-
----	---	---	--------	---

**XYLENE**

UK	220 mg/m3	441 mg/m3	-	-
----	-----------	-----------	---	---

**TITANIUM DIOXIDE**

UK	-	-	4mg/m3	-
----	---	---	--------	---

**ZINC OXIDE**

UK	5 mg/m3	10 mg/m3	-	-
----	---------	----------	---	---

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** No special requirements under normal conditions of use. In case of insufficient ventilation, wear an approved respirator gas/vapour filter Type A, organic vapours (EN141).

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** No special requirements under normal conditions of use.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Red

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Viscosity:** Viscous

**Kinematic viscosity:** 4.20cm<sup>2</sup>/s

**Flash point°C:** 25

**Relative density:** 1.45

**VOC g/l:** 293

**9.2. Other information**

**Other information:** \* EU Limit value for this product (Cat A/e): 400g/L

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

[cont...]

**SAFETY DATA SHEET**  
151 RED OXIDE PRIMER - LOW VOC

Page: 6

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

**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.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.

**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**

**Hazardous ingredients:**

**IRON (III) OXIDE**

ORAL	RAT	LD50	>5000	mg/kg
------	-----	------	-------	-------

**BARIUM SULPHATE**

ORAL	RAT (Male)	LD50	>5000	mg/kg
------	------------	------	-------	-------

**XYLENE**

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

**TITANIUM DIOXIDE**

DUST/MIST	RAT	4H LC50	>6.8	mg/l
ORAL	RAT	LD50	>5000	mg/kg

**ZINC OXIDE**

IPR	RAT	LD50	240	mg/kg
ORL	MUS	LD50	7950	mg/kg

[cont...]

**SAFETY DATA SHEET**  
151 RED OXIDE PRIMER - LOW VOC

Page: 7

**Relevant hazards for substance:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Aspiration hazard	-	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:** There may be irritation of the throat with a feeling of tightness in the chest.

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

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**IRON (III) OXIDE**

ALGAE ( <i>Aphanizomenon flos-aquae</i> )	16H EC50	>8.5	mg/l
DAPHNIA ( <i>Daphnia magna</i> )	96H LC50	>100	mg/l
ZEBRAFISH ( <i>Brachydanio rerio</i> )	96H LC0	>50	g/l
ZEBRAFISH ( <i>Brachydanio rerio</i> )	96H LC90	100	g/l

**BARIUM SULPHATE**

<i>Daphnia magna</i>	48H EC50	14500	µg/l
ZEBRAFISH ( <i>Brachydanio rerio</i> )	96H LC50	>152	mg/l

**XYLENE**

<i>Daphnia magna</i>	IC50	2.2	mg/l
RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )	96H LC50 (Read across)	2.6	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** \* Not readily biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** \* No data available.

**12.4. Mobility in soil**

**Mobility:** \* Readily absorbed into soil.

[cont...]

**SAFETY DATA SHEET**  
151 RED OXIDE PRIMER - LOW VOC

Page: 8

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** \* Toxic to aquatic organisms.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Disposal should be in accordance with Local Authority Regulations.

**Disposal of packaging:** Disposal should be in accordance with Local Authority Regulations.

**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:** UN1263

**14.2. UN proper shipping name**

**Shipping name:** PAINT  
(LOW BOILING POINT NAPHTHA - UNSPECIFIED - STODDARD SOLVENT)

**14.3. Transport hazard class(es)**

**Transport class:** 3

**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:** A REACH registration number is not applicable as this product is a mixture.

**15.2. Chemical Safety Assessment**

[cont...]



**SAFETY DATA SHEET**  
151 RED OXIDE PRIMER - LOW VOC

Page: 9

**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 s.3:** H226: Flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H312: Harmful in contact with skin.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.  
H335: May cause respiratory irritation.  
H410: Very toxic to aquatic life with long lasting effects.  
H411: Toxic to aquatic life with long lasting effects.

**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.