



## SAFETY DATA SHEET

151 RADIATOR ENAMEL WHITE GLOSS - LOW VOC

Page: 1

Compilation date: 22/07/2010

Revision date: 14/08/2015

Revision No: 6

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

#### 1.1. Product identifier

**Product name:** 151 RADIATOR ENAMEL WHITE GLOSS - LOW VOC

**Product code:** DY023A

#### 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; 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. 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.  
H411: Toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS02: Flame  
GHS07: Exclamation mark  
GHS08: Health hazard  
GHS09: Environmental

[cont...]

# SAFETY DATA SHEET

151 RADIATOR ENAMEL WHITE GLOSS - LOW VOC

Page: 2



**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.  
P264: Wash hands & exposed skin thoroughly after handling.  
P280: Wear protective gloves.  
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: Store in a well-ventilated place.  
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%

TITANIUM DIOXIDE

236-675-5	13463-67-7	Substance with a Community workplace exposure limit.	-	10-25%
-----------	------------	--	---	--------

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%
-----------	-----------	---	---	------

[cont...]

# SAFETY DATA SHEET

151 RADIATOR ENAMEL WHITE GLOSS - LOW VOC

Page: 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.

## 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.

[cont...]

# SAFETY DATA SHEET

151 RADIATOR ENAMEL WHITE GLOSS - LOW VOC

Page: 4

## 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:**

#### TITANIUM DIOXIDE

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-	4mg/m3	-

#### BARIUM SULPHATE

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

#### XYLENE

UK	220 mg/m3	441 mg/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

[cont...]

# SAFETY DATA SHEET

151 RADIATOR ENAMEL WHITE GLOSS - LOW VOC

Page: 5

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:** White

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Viscosity:** Viscous

**Kinematic viscosity:** 11.8cm<sup>2</sup>/s

**Flash point°C:** 25

**Relative density:** 1.16

**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.

### 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

[cont...]

# SAFETY DATA SHEET

151 RADIATOR ENAMEL WHITE GLOSS - LOW VOC

Page: 6

## Hazardous ingredients:

### TITANIUM DIOXIDE

DUST/MIST	RAT	4H LC50	>6.8	mg/l
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

### ZINC OXIDE

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

## Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	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:

### BARIUM SULPHATE

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

[cont...]

# SAFETY DATA SHEET

151 RADIATOR ENAMEL WHITE GLOSS - LOW VOC

Page: 7

## XYLENE

Daphnia magna	IC50	2.2	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	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.

### 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:** Harmful 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

[cont...]

# SAFETY DATA SHEET

151 RADIATOR ENAMEL WHITE GLOSS - LOW VOC

Page: 8

## 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

## 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.

H332: Harmful if inhaled.

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.