SAFETY DATA SHEET

HIGH HEAT PAINT

Compilation date: 17/04/2013

Revision No: 2

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

1.1. Product identifier

Product name: HIGH HEAT PAINT

Product code: HRBL

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: Rustins Ltd
Waterloo Road
Cricklewood
London
NW2 7TX
United Kingdom

Tel: +44 (0)208 450 4666

Fax: +44 (0)208 452 2008

Email: rustins@rustins.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: -: R10; Xn: R20/21; Xi: R38; -: R52/53

Classification under CLP: Aquatic Chronic 3: H412; Flam. Liq. 3: H226; Skin Irrit. 2: H315

Most important adverse effects: Flammable. Harmful by inhalation and in contact with skin. Irritating to skin. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Label elements under CLP:

Hazard statements: H226: Flammable liquid and vapour.
H315: Causes skin irritation.
H412: Harmful to aquatic life with long lasting effects.

Signal words: Warning

Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark

Precautionary statements: P243: Take precautionary measures against static discharge.

[cont...]

P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear eye protection.

P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.

P370+378: In case of fire: Use carbon dioxide for extinction.

Label elements under CHIP:

Hazard symbols: Harmful.

Risk phrases: R10: Flammable.

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

R38: Irritating to skin.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

XYLENE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
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%

LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

265-199-0	64742-95-6	Xn: R65; -: R10; Xi: R37; N: R51/53	Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	1-10%

CUMENE

202-704-5	98-82-8	-: R10; Xi: R37; N: R51/53; Xn: R65	Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H335; Aquatic Chronic 2: H411	<1%

Section 4: First aid measures

4.1. Description of first aid measures

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

[cont...]

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

Ingestion: Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary.

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 vomiting and diarrhoea.

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

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Use dry powder, foam or carbon dioxide. Never use water as this may float the oil and spread the fire. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In a fire, hazardous decompostition products such as smoke and Carbon Monoxide may be produced.

5.3. Advice for fire-fighters

Advice for fire-fighters: Fire will produce dense black smoke containing hazardous products of combustion. Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing (see section 8).

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. If the product enters drains or sewers, the local water company should be contacted immediately. In the case of contamination of streams, rivers or lakes contact the relevant environment agency.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Avoid all incompatible materials in clean-up procedure - see section 10 of SDS. Transfer into a suitable container for disposal in accordance with the waste regulations (see section 13)

[cont...]

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: In cases of doubt about the adequacy of local exhaust ventilation, air fed respiratory protective equipment should be used. All personnel in the work area should be so protected, whether working directly with the product or not.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used.

Suitable packaging: If transfer is necessary use glass or coated steel containers.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: **Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	50	100	220	441

Hazardous ingredients:

XYLENE

Workplace exposure limits: **Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	220 mg/m3	441 mg/m3	-	-

CUMENE

UK	125 mg/m3	250 mg/m3	-	-

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn (see Respiratory protection below).

Respiratory protection: All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

[cont...]

Hand protection: Where repeated skin exposure may occur, wear PVC or Nitrile gloves. Wash hands thoroughly after handling chemicals.

Eye protection: Eye protection designed to protect against liquid splashes should be worn. Goggles or face shield.

Skin protection: cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Black/Silver

Odour: Aromatic

Viscosity: Viscous

Kinematic viscosity: 50280 MPAS

Boiling point/range°C: 137-143 **Flash point°C:** 25

Vapour pressure: 760MMHG **Relative density:** 0.9-1.5

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal storage and handling conditions (see Section 7).

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

10.5. Incompatible materials

Materials to avoid: Oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes. In a fire, hazardous decomposition products such as smoke and carbon monoxide may be produced.

Section 11: Toxicological information

11.1. Information on toxicological effects

[cont...]

Hazardous ingredients:

XYLENE

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

LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

ORL	RAT	LD50	8400	mg/kg

CUMENE

ORL	MUS	LD50	12750	mg/kg
ORL	RAT	LD50	1400	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH DRM	Hazardous: calculated
Irritation	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 vomiting and diarrhoea.

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

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility: The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Section 13: Disposal considerations

[cont...]

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: UN1263

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No **Marine pollutant:** Yes

14.6. Special precautions for user

Section 15: Regulatory information

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

H335: May cause respiratory irritation.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

R10: Flammable.

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

[cont...]

R37: Irritating to respiratory system.
R38: Irritating to skin.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65: Harmful: may cause lung damage if swallowed.

Legal disclaimer: Even after washing the rags must never be crumpled into a ball but spread out and disposed of. Use synthetic fibre cloths whree possible as natural fibres, especially cotton, increase the chances of spontaneous combustion. This data sheet provides guidance on health, safety and environmental aspects of the product and shoud not be construed as any guarantee of technical performance or suitability for particular applications. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.