



**SAFETY DATA SHEET**  
PLASTIC COATING

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Compilation date: 11/04/2012

Revision No: 4

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

**1.1. Product identifier**

**Product name:** PLASTIC COATING

**Product code:** PCCG

**Synonyms:** PLASTIC COATING

**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](mailto: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; Xi: R37/38; Xi: R41; Sens.: R43; -: R52/53; -: R67

**Classification under CLP:** Aquatic Chronic 3: H412; Eye Dam. 1: H318; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; -: EUH208

**Most important adverse effects:** Flammable. Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

**2.2. Label elements**

**Label elements under CLP:**

**Hazard statements:** EUH208: Contains formaldehyde...100%, 1,2,4-trimethylbenzene, low boiling point naphtha - unspecified - solvent naphtha (petroleum), light arom., mesitylene, ac412/80ip, isobutylylated melamine-formaldehyde resin. May produce an allergic reaction.  
H226: Flammable liquid and vapour.  
H315: Causes skin irritation.

[cont...]

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H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

**Signal words:** Danger

**Hazard pictograms:** GHS02: Flame

GHS05: Corrosion

GHS07: Exclamation mark



**Precautionary statements:** P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a POISON CENTER or doctor.  
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

**Label elements under CHIP:**

**Hazard symbols:** Irritant.



**Risk phrases:** R10: Flammable.  
R37/38: Irritating to respiratory system and skin.  
R41: Risk of serious damage to eyes.  
R43: May cause sensitisation by skin contact.  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R67: Vapours may cause drowsiness and dizziness.

**Safety phrases:** S24: Avoid contact with skin.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37/39: Wear suitable gloves and eye / face protection.

**Precautionary phrases:** Contains formaldehyde...100%. May produce an allergic reaction.

### 2.3. Other hazards

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

### Section 3: Composition/information on ingredients

[cont...]

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### 3.2. Mixtures

#### Hazardous ingredients:

AC412/80IP

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	-	F: R11; Xi: R36	-	10-30%

ISOBUTANOL

201-148-0	78-83-1	-: R10; Xi: R37/38; Xi: R41; -: R67	Flam. Liq. 3: H226; Acute Tox. 4: H302; STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H336	10-30%
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1,2,4-TRIMETHYLBENZENE

202-436-9	95-63-6	-: R10; Xn: R20; Xi: R36/37/38; N: R51/53	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	10-30%
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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%
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ISOBUTYLATED MELAMINE-FORMALDEHYDE RESIN

-	-	-: R10; Xi: R37/38; Xi: R41; Sens.: R43; -: R67	Flam. Liq. 3: H226; STOT SE 3: H336; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 4: H413; Eye Irrit. 2: H319; STOT SE 3: H335; Eye Dam. 1: H318	1-10%
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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	1-10%
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MESITYLENE

203-604-4	108-67-8	-: R10; Xi: R37; N: R51/53	Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	1-10%
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FORMALDEHYDE

200-001-8	50-00-0	T: R23/24/25; C: R34; Xn: R40; Sens.: R43	Carc. 2: H351; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; Skin Corr. 1B: H314; Skin Sens. 1: H317	<1%
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### 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. Consult a doctor.

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

[cont...]

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**Ingestion:** Do not induce vomiting. Wash out mouth with water. Consult a doctor.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

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

**Skin contact:** Irritation. Repeated or prolonged contact may cause defatting of the skin leading to irritation and dermatitis.

**Eye contact:** Irritation. May cause corrosive burns.

**Ingestion:** Nausea, vomiting and dizziness. Harmful, causing internal irritation.

**Inhalation:** Irritation of the respiratory tract. Drowsiness, nausea and dizziness.

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Water spray, fog or mist. Carbon dioxide (CO<sub>2</sub>). Dry chemical powder. Alcohol resistant foam. Sand or earth. Do NOT use water jet.

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

**Exposure hazards:** Flammable. The vapour is heavier than air and may travel along the ground, collect in work pits and cellars, creating a fire and respiratory hazard. In combustion may emit toxic fumes of carbon dioxide, carbon monoxide, formaldehyde, oxides of nitrogen and hydrogen cyanide.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Exposure to decomposition products may be a hazard to health. Wear appropriate self-contained breathing apparatus. Cool closed containers exposed to fire with water spray. Do NOT allow run-off from fire fighting to enter drains or water courses.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Ventilate the area. Eliminate all sources of ignition. Avoid inhaling vapour. No Smoking. Do not attempt to take action without suitable protective clothing (see section 8). The vapour is heavier than air and may collect in confined areas creating a respiratory and fire hazard. 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. 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.

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### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite. Transfer into a suitable container for disposal in accordance with the waste regulations (see section 13) Do not use equipment in clean-up procedure which may produce sparks. Clean preferably with a detergent, avoid the use of solvents.

### 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid inhalation of vapour. Avoid skin and eye contact. Smoking, eating and drinking should be prohibited in areas of storage and use. Exclude sources of heat, sparks and open flame. Earth any equipment used in handling. Use non-sparking tools. The Manual Handling Operations Regulations may apply to the handling of containers of this product.

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

**Storage conditions:** Store in cool, dry, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Exclude sources of heat, sparks and open flame. Take precautionary measures to prevent product spills into drains, the ground or waters. Further guidance is contained in the HSE guidance note Storage of Flammable Liquids in Containers.

**Suitable packaging:** Ideally, keep in original container. 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

#### Hazardous ingredients:

#### ISOBUTANOL

#### Workplace exposure limits:

#### Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	154 mg/m <sup>3</sup>	231 mg/m <sup>3</sup>	-	-

#### 1,2,4-TRIMETHYLBENZENE

UK	125 mg/m <sup>3</sup>	-	-	-
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#### XYLENE

UK	220 mg/m <sup>3</sup>	441 mg/m <sup>3</sup>	-	-
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### MESITYLENE

UK	25 ppm	-	-	-
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### FORMALDEHYDE...100%

UK	2.5 mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup>	-	-
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#### 8.1. DNEL/PNEC Values

**DNEL / PNEC** No data available.

#### 8.2. Exposure controls

**Engineering measures:** Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. 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:** If there is a risk of exposure to high vapour concentrations, use respiratory protective equipment. 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.

**Hand protection:** Wear Nitrile gloves. Wash hands thoroughly after handling chemicals.

**Eye protection:** Eye protection designed to protect against liquid splashes should be worn. Ensure eye bath is to hand.

**Skin protection:** Overalls are normally suitable, PVC apron if risk of splashing.

### Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Clear (pale amber).

**Odour:** Pungent

**Solubility in water:** Insoluble

**Boiling point/range°C:** 80

**Flash point°C:** 27

**Relative density:** 0.951 @ 20 C

#### 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 conditions.

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### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion may emit toxic fumes of carbon dioxide, carbon monoxide, formaldehyde, oxides of nitrogen and hydrogen cyanide.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

##### ISOBUTANOL

IVN	MUS	LD50	417	mg/kg
IVN	RAT	LD50	340	mg/kg
ORL	RAT	LD50	2460	mg/kg

##### 1,2,4-TRIMETHYLBENZENE

IPR	RAT	LDLO	1752	mg/kg
ORL	RAT	LD50	5	gm/kg

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

ORL	RAT	LD50	8400	mg/kg
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##### XYLENE

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

##### MESITYLENE

IPR	GPG	LDLO	1303	mg/kg
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##### FORMALDEHYDE...100%

ORL	MUS	LD50	42	mg/kg
ORL	RAT	LD50	100	mg/kg

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SCU	RAT	LD50	420	mg/kg
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### Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT INH DRM	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** Irritation. Repeated or prolonged contact may cause defatting of the skin leading to irritation and dermatitis.

**Eye contact:** Irritation. May cause corrosive burns.

**Ingestion:** Nausea, vomiting and dizziness. Harmful, causing internal irritation.

**Inhalation:** Irritation of the respiratory tract. Drowsiness, nausea and dizziness.

### Section 12: Ecological information

#### 12.1. Toxicity

**Ecotoxicity values:** No data available.

#### 12.2. Persistence and degradability

**Persistence and degradability:** There is no data available on the product itself.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** There is no data available on the product itself.

#### 12.4. Mobility in soil

**Mobility:** Partially volatile. Immiscible in water. Partly evaporates from water or soil surfaces. 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

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

### Section 13: Disposal considerations

#### 13.1. Waste treatment methods

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

### Section 14: Transport information

[cont...]



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## 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

## 14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

## 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

**Chemical safety assessment:** Safety Data Sheet complies with UK regulatory references in accordance with CHIP 3.1.

## 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:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H311: Toxic in contact with skin.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven

[cont...]

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that no other routes of exposure cause the hazard>.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

H413: May cause long lasting harmful effects to aquatic life.

R10: Flammable.

R11: Highly flammable.

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

R20: Harmful by inhalation.

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R34: Causes burns.

R36/37/38: Irritating to eyes, respiratory system and skin.

R36: Irritating to eyes.

R37/38: Irritating to respiratory system and skin.

R37: Irritating to respiratory system.

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.

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.

R67: Vapours may cause drowsiness and dizziness.

**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. 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.

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