

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 03.08.2011

Revision: 05.01.2011

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

For professional use only

- **Product identifier**
- **Trade name:** *C71 Speed Line (Contains Lead)*
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation**  
Coating compound/ Surface coating/ paint  
Synthetic Topcoat
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
HMG PAINTS LTD. RIVERSIDE WORKS, COLLYHURST RD,  
COLLYHURST, MANCHESTER, M40 7RU.  
TEL 0161 205 7631
- **Further information obtainable from:** LABORATORY
- **Emergency telephone number:** [scrossman@hmgpaint.com](mailto:scrossman@hmgpaint.com)

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
-  **T; Toxic**  
R45-46-61: May cause cancer. May cause heritable genetic damage. May cause harm to the unborn child.
-  **Xn; Harmful**  
R62: Possible risk of impaired fertility.
-  **N; Dangerous for the environment**  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R10-33: Flammable. Danger of cumulative effects.
- **Information concerning particular hazards for human and environment:**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

|           |              |
|-----------|--------------|
| 1330-20-7 | Xylene (mix) |
|-----------|--------------|

- **Label elements**
- **Labelling according to EU guidelines:**  
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:**  
T Toxic  
N Dangerous for the environment
- **Hazard-determining components of labelling:**  
Naphtha (petroleum), hydrodesulphurised heavy  
Lead Chromate
- **Risk phrases:**  
45 May cause cancer.  
46 May cause heritable genetic damage.

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- 61 May cause harm to the unborn child.  
 10 Flammable.  
 33 Danger of cumulative effects.  
 62 Possible risk of impaired fertility.  
 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**· Safety phrases:**

- 53 Avoid exposure - obtain special instructions before use.  
 20 When using do not eat or drink.  
 23 Do not breathe fumes/vapour/spray  
 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
 57 Use appropriate container to avoid environmental contamination.

**· Special labelling of certain preparations:**

Contains 2-butanone oxime. May produce an allergic reaction.

**· Other hazards****· Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

### 3 Composition/information on ingredients

**· Chemical characterization: Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

**· Dangerous components:**

|                                      |                                                                                                                                                                                                                                                                                                                                                |         |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| CAS: 64742-82-1<br>EINECS: 265-185-4 | Naphtha (petroleum), hydrodesulphurised heavy<br> Xn R65;  N R51/53                                                                                                      | 25-50%  |
|                                      | Lead Chromate<br> T Carc. Cat. 2, Repr. Cat. 1, 3 R45-61;  Xn R62;  N R50/53<br>R33 | 10-25%  |
|                                      | HF White Spirit<br> Xn R65                                                                                                                                                                                                                                  | 2.5-10% |
| CAS: 1330-20-7<br>EINECS: 215-535-7  | Xylene (mix)<br> Xn R20/21;  Xi R38<br>R10                                                                                                                               | ≤ 2.5%  |
| CAS: 96-29-7<br>EINECS: 202-496-6    | 2-butanone oxime<br> Xn R21-40;  Xi R41;  Xi R43                                      | ≤ 2.5%  |

**· SVHC**

Lead Chromate

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4 First aid measures

**· Description of first aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.  
 · **After skin contact:** Generally the product does not irritate the skin.  
 · **After eye contact:** Rinse opened eye for several minutes under running water.  
 · **After swallowing:** If symptoms persist consult doctor.  
 · **Information for doctor:**  
 · **Most important symptoms and effects, both acute and delayed** No further relevant information available.

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- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Put on breathing apparatus

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Keep receptacles tightly sealed.  
Ensure good ventilation/extraction at the workplace.  
Open and handle receptacle with care.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

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- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

**1330-20-7 Xylene (mix)**

|     |                                                   |
|-----|---------------------------------------------------|
| WEL | Short-term value: 441 mg/m <sup>3</sup> , 100 ppm |
|     | Long-term value: 220 mg/m <sup>3</sup> , 50 ppm   |
|     | Sk; BMGV                                          |

- **Additional information:** The lists valid during the making were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

- **Respiratory protection:** When spraying the product, use a respiratory protective device.

- **Protection of hands:**

When skin exposure may occur, advice should be sought from the glove supplier on appropriate types and usage times for this product.



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

**Form:** Fluid

**Colour:** According to product specification

- **Odour:** Characteristic

- **Odour threshold:** Not determined.

- **pH-value:** Not determined.

- **Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** 150°C

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|                                                     |                                                                                             |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------|
| · <b>Flash point:</b>                               | 38°C                                                                                        |
| · <b>Flammability (solid, gaseous):</b>             | Not applicable.                                                                             |
| · <b>Ignition temperature:</b>                      | 230°C                                                                                       |
| · <b>Decomposition temperature:</b>                 | Not determined.                                                                             |
| · <b>Self-igniting:</b>                             | Product is not selfigniting.                                                                |
| · <b>Danger of explosion:</b>                       | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| · <b>Explosion limits:</b><br>Lower:                | Not determined.                                                                             |
| Upper:                                              | Not determined.                                                                             |
| · <b>Vapour pressure:</b>                           | Not determined.                                                                             |
| · <b>Density at 20°C:</b>                           | 1.289 g/cm <sup>3</sup>                                                                     |
| · <b>Relative density</b>                           | Not determined.                                                                             |
| · <b>Vapour density</b>                             | Not determined.                                                                             |
| · <b>Evaporation rate</b>                           | Not determined.                                                                             |
| · <b>Solubility in / Miscibility with water:</b>    | NOT MISCIBLE                                                                                |
| · <b>Segregation coefficient (n-octanol/water):</b> | Not determined.                                                                             |
| · <b>Viscosity:</b><br>Dynamic:                     | Not determined.                                                                             |
| Kinematic:                                          | Not determined.                                                                             |
| · <b>Solvent content:</b><br>Organic solvents:      | 43.9 %                                                                                      |
| · <b>Other information</b>                          | No further relevant information available.                                                  |

### 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

|                                                      |
|------------------------------------------------------|
| · <b>LD/LC50 values relevant for classification:</b> |
|------------------------------------------------------|

|                      |
|----------------------|
| <b>Lead Chromate</b> |
|----------------------|

|           |                    |
|-----------|--------------------|
| Oral LD50 | >10000 mg/kg (rat) |
|-----------|--------------------|

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

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**· Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Carcinogenic.

The product can cause inheritable damage.

### 12 Ecological information

**· Toxicity**

· **Acquatic toxicity:** No further relevant information available.

· **Persistence and degradability** No further relevant information available.

**· Behaviour in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

**· Ecotoxicological effects:**

· **Remark:** Toxic for fish

**· Additional ecological information:****· General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

**· Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

**· Waste treatment methods****· Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**· Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

**· Land transport ADR/RID (cross-border)**

· **ADR/RID class:** 3 Flammable liquids.

· **Danger code (Kemler):** 30

· **UN-Number:** 1263

· **Packaging group:** III

· **Hazard label** 3

· **Special marking:** Symbol (fish and tree)

· **UN proper shipping name:** 1263 PAINT (not viscous), ENVIRONMENTALLY HAZARDOUS

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· **Tunnel restriction code** D/E· **Maritime transport IMDG:**

· **IMDG Class:** 3  
 · **UN Number:** 1263  
 · **Label** 3  
 · **Packaging group:** III  
 · **EMS Number:** F-E, S-E  
 · **Marine pollutant:** No  
 · **Proper shipping name:** PAINT

· **Air transport ICAO-TI and IATA-DGR:**

· **ICAO/IATA Class:** 3  
 · **UN/ID Number:** 1263  
 · **Label** 3  
 · **Packaging group:** III  
 · **Proper shipping name:** PAINT

· **Special precautions for user** Warning: Flammable liquids.· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

### 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**· **National regulations:**· **Technical instructions (air):**

| Class | Share in % |
|-------|------------|
| I     | 0.3        |
| II    | 14.8       |
| NK    | 43.8       |

· **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

R10 Flammable.  
 R20/21 Harmful by inhalation and in contact with skin.  
 R21 Harmful in contact with skin.  
 R33 Danger of cumulative effects.  
 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.

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*R45 May cause cancer.**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.**R61 May cause harm to the unborn child.**R62 Possible risk of impaired fertility.**R65 Harmful: may cause lung damage if swallowed.***· Department issuing MSDS: Product safety department: LABORATORY****· Contact: Health & Safety Officer**

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