



Material Safety Data Sheet
According to 91/155 EC

Printing date 26.11.2001

Reviewed on 22.08.2000

1 Identification of the substance/preparation and of the company/undertaking

· **Product details**

· **Trade name:** C71 Machinery Enamel (Non Lead)

· **Manufacturer/Supplier:**

HMG PAINTS LTD. RIVERSIDE WORKS, COLLYHURST RD,
COLLYHURST, MANCHESTER, M40 7RU.
TEL 0161 205 7631

· **Further information obtainable from:** LABORATORY

2 Composition/information on ingredients

· **Chemical characterization**

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

· **Dangerous components:**

64742-82-1	White Spirit	☒ Xn, ☒ N; R 22-51/53-65	25-50%
	HF White Spirit	☒ Xn; R 10-65	2.5-10%
1330-20-7	xylene (mix)	☒ Xn; R 10-20/21-38	£ 2.5%

3 Hazards identification

· **Hazard description:**



Xn Harmful

· **Information concerning particular hazards for human and environment:**

R 10 Flammable.

R 22 Harmful if swallowed.

R 65 Harmful: may cause lung damage if swallowed.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4 First-aid measures

· **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **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:** Call for a doctor immediately.

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5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** Put on breathing apparatus

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Ensure good ventilation/extraction at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **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.
- **Class according to regulation on flammable liquids:** A II

8 Exposure controls/personal protection

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

Ingredients with limit values that require monitoring at the workplace:

1330-20-7 xylene (mix)

OES	Short-term value: 662 mg/m ³ , 150 ppm
	Long-term value: 441 mg/m ³ , 100 ppm
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- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
- **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:** Not required.

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· **Eye protection:**

Tightly sealed goggles

9 Physical and chemical properties

· Form:	Fluid
· Colour:	According to product specification
· Odour:	Characteristic
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	150°C
· Flash point:	25°C
· Ignition temperature:	230.0°C
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Density at 20°C:	1.556 g/cm ³
· Solubility in / Miscibility with water:	NOT MISCIBLE
· Solvent content:	
Organic solvents:	7.5 %
· Solids content:	55.3 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

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

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12 Ecological information

- **General notes:** Not known to be hazardous to water.

13 Disposal considerations

- **Product:**
- **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.
- **Item:** 31c
- **Danger code (Kemler):** 30
- **UN-Number:** 1263
- **Hazard label** 3
- **Description of goods:** 1263 Paint

- **Maritime transport IMDG:**



- **IMDG Class:** 3.3
- **Page:** 3372
- **UN Number:** 1263
- **Packaging group:** III
- **EMS Number:** 3-05
- **MFAG:** 310,313
- **Marine pollutant:** Yes
- **Proper shipping name:** Paint

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



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1263
- **Packaging group:** III
- **Proper shipping name:** Paint

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15 Regulatory information

· **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:**

Xn Harmful

· **Hazard-determining components of labelling:**

White Spirit

· **Risk phrases:**

10 Flammable.

22 Harmful if swallowed.

65 Harmful: may cause lung damage if swallowed.

· **Safety phrases:**

23 Do not breathe gas/fumes/vapour/spray.

25 Avoid contact with eyes.

36 Wear suitable protective clothing.

60 This material and its container must be disposed of as hazardous waste.

· **National regulations:**

· **Classification according to VbF: A II**

· **Technical instructions (air):**

Class	Share in %
II	2.3
III	5.3

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.

· **Department issuing MSDS:** Product safety department: LABORATORY

· **Contact:** Health & Safety Officer