

## Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 16.09.2009

Revision: 18.01.2009

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

For professional use only

- **Product details**
- **Trade name: 2K Etch Primer High Build Washfiller**
- **Article number: 3112**
- **Application of the substance / the preparation**  
Coating compound/ Surface coating/ paint  
Surface coating/Primer
- **Manufacturer/Supplier:**  
HMG PAINTS LTD. RIVERSIDE WORKS, COLLYHURST RD,  
COLLYHURST, MANCHESTER, M40 7RU.  
TEL 0161 205 7631
- **Further information obtainable from: LABORATORY**
- **Information in case of emergency: scrossman@hmgpaint.com**

### 2 Hazards identification

- **Hazard description:**



T Toxic  
F Highly flammable  
N Dangerous for the environment

- **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.

Has a narcotizing effect.

R 45 May cause cancer.

R 11 Highly flammable.

R 37/38 Irritating to respiratory system and skin.

R 41 Risk of serious damage to eyes.

R 43 May cause sensitisation by skin contact.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 67 Vapours may cause drowsiness and dizziness.

- **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)
78-93-3	methyl ethyl ketone
67-63-0	propan-2-ol
71-36-3	butanol

### 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 78-83-1	butanol	25-50%
EINECS: 201-148-0	☒ Xi; R 10-37/38-41-67	

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CAS: 107-98-2 EINECS: 203-539-1	1-methoxy-2-propanol R 10	10-25%
CAS: 1330-20-7 EINECS: 215-535-7	Xylene (mix) ☒ Xn, ☒ Xi; R 10-20/21-38	2.5-10%
CAS: 67-64-1 EINECS: 200-662-2	propan-2-one ☒ Xi, ☒ F; R 11-36-66-67	2.5-10%
EINECS: 234-329-8	zinc chromates including zinc potassium chromate ☠ T, ☒ Xi, ☒ N; R 45-22-43-50/53	2.5-10%
CAS: 78-93-3 EINECS: 201-159-0	methyl ethyl ketone ☒ Xi, ☒ F; R 11-36-66-67	≤ 2.5%
CAS: 67-63-0 EINECS: 200-661-7	propan-2-ol ☒ Xi, ☒ F; R 11-36-67	≤ 2.5%

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

## 4 First-aid measures

- **After inhalation:**  
Supply fresh air and call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.

## 5 Fire-fighting measures

- **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
- **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:**  
Prevent seepage into sewage system, workpits and cellars.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- **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:**  
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.

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Keep respiratory protective device available.

- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.

## 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:**

### 78-83-1 butanol

WEL	Short-term value: 231 mg/m <sup>3</sup> , 75 ppm Long-term value: 154 mg/m <sup>3</sup> , 50 ppm
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### 107-98-2 1-methoxy-2-propanol

WEL	Short-term value: 560 mg/m <sup>3</sup> , 150 ppm Long-term value: 375 mg/m <sup>3</sup> , 100 ppm
	Sk

### 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

### 67-64-1 propan-2-one

WEL	Short-term value: 3620 mg/m <sup>3</sup> , 1500 ppm Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm
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### 78-93-3 methyl ethyl ketone

WEL	Short-term value: 899 mg/m <sup>3</sup> , 300 ppm Long-term value: 600 mg/m <sup>3</sup> , 200 ppm
	Sk

### 67-63-0 propan-2-ol

WEL	Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm Long-term value: 999 mg/m <sup>3</sup> , 400 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.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Store protective clothing separately.  
Avoid contact with the skin.  
Avoid contact with the eyes and skin.

- **Respiratory protection:**

When spraying the product, use a respiratory protective device that is independent of circulating air.

- **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.

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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

- **General Information**

<b>Form:</b>	Fluid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic

- **Change in condition**

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** 55°C

- **Flash point:** -19°C

- **Ignition temperature:** 270°C

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

- **Explosion limits:**

**Lower:** 1.7 Vol %  
**Upper:** 12.0 Vol %

- **Vapour pressure at 20°C:** 12 hPa

- **Density:** Not determined.

- **Solubility in / Miscibility with water:** NOT MISCIBLE

- **Solvent content:**

**Organic solvents:** 68.6 %

## 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.

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## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** Sensitization possible through skin contact.
- **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:  
Irritant  
Carcinogenic.
- **Sensitisation** May cause sensitisation by skin contact.

## 12 Ecological information

- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.  
Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms

## 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.
- **Danger code (Kemler):** 33
- **UN-Number:** 1263
- **Packaging group:** II
- **Hazard label:** 3
- **Special marking:** Symbol (fish and tree)
- **Description of goods:** 1263 PAINT (vapor pressure at 50°C at most 110 kPa)

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· **Maritime transport IMDG:**

- **IMDG Class:** 3
- **UN Number:** 1263
- **Label** 3
- **Packaging group:** II
- **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:** II
- **Proper shipping name:** PAINT

## 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:**

T Toxic  
F Highly flammable  
N Dangerous for the environment

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

zinc chromates including zinc potassium chromate

· **Risk phrases:**

45 May cause cancer.  
11 Highly flammable.  
37/38 Irritating to respiratory system and skin.  
41 Risk of serious damage to eyes.  
43 May cause sensitisation by skin contact.  
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
67 Vapours may cause drowsiness and dizziness.

· **Safety phrases:**

53 Avoid exposure - obtain special instructions before use.  
24/25 Avoid contact with skin and eyes.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
37/39 Wear suitable 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.

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- **National regulations:**

- **Technical instructions (air):**

Class	Share in %
NK	68.6

- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

## 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 R-phrases**

10 Flammable.

11 Highly flammable.

20/21 Harmful by inhalation and in contact with skin.

22 Harmful if swallowed.

36 Irritating to eyes.

37/38 Irritating to respiratory system and skin.

38 Irritating to skin.

41 Risk of serious damage to eyes.

43 May cause sensitisation by skin contact.

45 May cause cancer.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

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

- **Contact:** Health & Safety Officer