

1. IDENTIFICATION OF PREPARATION AND COMPANY**Product Details:** Realguard Hammer Finish Silver Grey (P.1317-SG)**Manufacturer/Supplier:** AES Industrial Supplies Ltd, Olympic House, Southmead Park, Collett, Didcot, OX11 7WBTelephone Number: +44 (0) 1235 510 717 Email: orders@aes-sales.com**2. HAZARDS IDENTIFICATION**This product is classified as Dangerous according to Directive 1999/45/EC and its amendments
Classification (1999/45): **Xn** R10, R20, R21, R38 (The Full Text for all R-Phrases are Displayed in Section 16)**Physical chemical hazards:** Flammable.

Heating will generate vapours which may cause explosive vapour/air mixtures

Environment: The product is not expected to be hazardous to the environment.**Human health hazards:** Harmful by inhalation and in contact with skin. Irritating to skin

Harmful

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance/preparation:** Preparation.

Surface coating which is a mixture of resins, pigments, additives and solvents.

Ingredient name	CAS number	%	EC number	Classification
XYLENE	1330-20-7	30-60%	215-535-7	R10 Xn;R20/21 Xi;R38
BUTYL ACETATE -norm	123-86-4	1-5%	204-658-1	R10 R66 R67
COBALT CARBOXYLATE	13586-82-8	< 1%	237-015-9	Xn;R22. Xi;R38. N;R51/53. R43.
ETHYL METHYL KETOXIME	96-29-7	< 1%	202-496-6	Carc. Cat. 3;R40 Xn;R21 R43 Xi;R41

4. FIRST AID MEASURES**General:** Seek medical attention when symptoms persist and in all cases of doubt. Never give anything by mouth to an unconscious person.**Inhalation:** If it is suspected that fumes are still present the rescuer should wear an appropriate mask or self-contained breathing apparatus. Remove exposed person to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in the recovery position and seek medical advice.**Eye contact:** Contact lenses should be removed. Irrigate well with clean, fresh water for at least 10 minutes holding eyelids apart and seek medical advice.**Skin contact:** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a suitable skin cleaner. **Do not use solvents or thinners.****Ingestion:** If accidentally swallowed obtain immediate medical attention. Keep at rest do not induce vomiting

5. FIRE FIGHTING MEASURES

Suitable Extinguishing agents: Water mist; Carbon dioxide; Foam; Dry powder.

Unsuitable Extinguishing agents: Do not use high pressure water jets.

Exposure hazards: Fire may produce dense black smoke and toxic gases.

Special exposure hazards/ procedures: Highly flammable liquid. In a fire if heated a pressure increase will occur and the container may burst with the risk of subsequent explosion. Some vapours will be heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Promptly isolate the scene by removing all persons from the affected area if there is a fire. Do not attempt to tackle the fire if not having received suitable and sufficient training. Move containers away from fire if safe to do so, use water spray to cool containers. Wear fire retardant clothing: use approved self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Do not breathe vapour. Avoid ignition sources. Avoid contact with skin, eyes and clothing

Environmental Precautions: Prevent contamination of soil, drains and surface waters.

Methods of cleaning: Take up with absorbent, inert materials. E.g., Sand or earth. Ventilate area. Dispose of in accordance with local authority regulations.

7. HANDLING AND STORAGE

Handling: Avoid inhalation of vapour; Ensure adequate ventilation; Use local extraction equipment where possible; Wear suitable protective clothing; Avoid ignition sources; Electrical equipment should be protected to the appropriate standard Do not eat, drink or smoke at the workplace.

Storage: Keep away from food and drink. Store in original container securely closed and at room temperature. The accumulation of contaminated rags and of dry over spray particularly in spray booths may result in spontaneous combustion. Carry out regular safe removal of waste materials and spray booth filters to minimise risks.

8. EXPOSURE CONTROLS\PERSONNEL PROTECTION

Substance name	Standard	8Hr TWA	STEL 15min
XYLENE	WEL	50 ppm (Sk) 220mg/m3(Sk)	100ppm (sk) 441mg/m3 (Sk)
BUTYL ACETATE -norm	WEL	150ppm 724mg/m3	200ppm 966mg/m3

WEL = Workplace Exposure Limit

Respiratory Protection



Use in well ventilated areas.

Mechanical control takes precedence; In case of insufficient ventilation wear suitable respiratory equipment. Nonessential and unprotected people should be excluded from the area if exposure is possible

Hand Protection and Skin Protection



Wear suitable gloves. Wear overalls and closed footwear; Change contaminated clothing. Keep work clothes separate

Eye Protection





Wear suitable goggles or face protection.

9. PHYSICAL & CHEMICAL PROPERTIES.

Viscosity/appearance:	Mobile liquid	Vapour density: >1 @ 25'c
Odour:	Distinct Aromatic	Auto flammability: 500'c
Solubility:	Aromatic hydrocarbons	Density: >8.6
Boiling point:	140- 144°C (solvent)	Flash point : 26°C
Explosion limits:	1.1% - 7%	Volatile Organic Compound: Typically 500g/l

10. STABILITY & REACTIVITY

Stability:	Stable under recommended storage conditions. Contains volatile solvent
Conditions to avoid:	Static discharges; High temperatures; Direct sunlight.
Materials to avoid:	Strong oxidising agents.
Thermal decomposition:	Carbon oxides and other toxic gases or vapours

11. TOXICOLOGICAL INFORMATION

Low toxicity: Moderate irritant.

Inhalation: High vapour concentrations are irritating to the eyes and respiratory tract, may cause headaches, dizziness, nausea, vertigo and unconsciousness and may have other effects on the central nervous system.

Ingestion: Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause broncho pneumonia or pulmonary edema.

Skin contact: Frequent or prolonged contact may irritate and cause dermatitis. May be absorbed with possible systemic effects.

Eye contact: Irritating.

12. ECOLOGICAL INFORMATION

Mobility:	Viscous liquid
Persistence and degradability:	Paint solids not readily biodegradable. Solvent evaporates.
Bioaccumulation:	Solvent can bioaccumulate but with short retention time.
Aquatic toxicity:	Paint solids have low order of toxicity. Solvent is moderately toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimised wherever possible.

Liquid surplus or wastes should be appropriately labelled. Disposal must be in accordance with current national and local regulations via a licensed waste disposal contractor. Empty containers should be disposed of in the same way as the product inside. Empty containers pose a fire and explosion hazard. This product is classified as hazardous waste

14. TRANSPORT INFORMATION

UN No.	1263	Proper Shipping name.	Paint
Packing group.	111	Air Class	3
IMDG-CODE.	Cl 3.3	Marine Pollutant	No
RID/ADR:	Class 3		
Hazchem:	3(Y)E		

When transporting within the user's premises ensure containers are upright and secure and persons know what to do in the event of accident or spillage. Ensure drivers are adequately trained

15. REGULATORY INFORMATION

European Union: EU Directives and amendments

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration,

Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive

1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC,

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Hazard symbols: Xn: Harmful



harmful

Contains: Isomers of Xylene **Product use:** Industrial applications

Risk & Safety Phrases

- R10 Flammable.
R20/21 Harmful by inhalation and by contact with the skin.
R38 Irritating to skin.
S2 Keep out of reach of children.
S24 Avoid contact with the skin and eyes.
S28 After contact with the skin wash immediately with plenty of soap and Water.
S37/S39 Wear suitable gloves and face protection.
S60 This material and its container must be disposed of as hazardous waste
P14 Contains COBALT CARBOXYLATE, ETHYL METHYL KETOXIME. May produce an allergic reaction

16. OTHER INFORMATION

Recommended use and restrictions: Refer to appropriate technical data sheet.

Technical contact point: AES Industrial Supplies Ltd

Information sources: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Control of Substances Hazardous to Health Regulations 2002 (as amended)

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG (108).

Croner's substances hazardous to health. Suppliers' literature.

RISK PHRASES IN FULL

- R10 Flammable.
R20/21 Harmful by inhalation and in contact with skin.
R22 Harmful if swallowed.
R21 Harmful in contact with skin.
R65 Harmful: may cause lung damage if swallowed.
R38 Irritating to skin.
R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitisation by skin contact.
R66 Repeated exposure may cause skin dryness or cracking.
R41 Risk of serious damage to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 Vapours may cause drowsiness and dizziness.

Disclaimer

The information supplied in this health and safety data sheet is to the best of our knowledge true and accurate. The application, use and processing of the product are beyond our control and therefore, entirely your own responsibility. Users are responsible to ensure that the information is adequate and appropriate for safe use. The data supplied does not signify any warranty with regard to the products properties.