SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

1.1 Product Identifier

Product Name: PB Floor Paint

1.2 Relevant identified uses of the substance or mixture and uses advised against

Material uses: Coatings and paints, thinners, paint removers.

1.3 Details of the supplier of the safety data sheet

Company Name: Polycote UK LLP
Centre Point
Wolseley Road
Woburn Road Industrial Estate
Kempston
Beds
MK42 7EF

Telephone Number: 01234 846400

Emergency Contact Number: 111 (NHS England)

Email address: uksales@polycote.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification (SI 2019 No. 720)

Physical hazards: Flam. Liq. 3 - H226

Health hazards: Skin Sens. 1 - H317 STOT SE 3 - H336 STOT RE 1 - H372

Environmental hazards: Aquatic Chronic 3 - H412

2.2 Label elements

GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567):

Signal word: Danger

Hazard pictograms:

Hazard statements:
H226 Flammable liquid and vapour.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing vapour/ spray.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.

Supplementary label information: EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Contains: HYDROCARBONS, C9-C11, n-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS, COBALT BIS(2-ETHYLHEXANOATE)

2.3 Other hazards: Not available

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance: Non-applicable

3.2 Mixtures:

Identification	Chemical name/Classification	Concentration
CAS number: 64742-48-9 EC number: 919-857-5	**HYDROCARBONS, C9-C11, n-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS** Flam. Liq. 3 - H226; STOT SE 3 - H336; Asp. Tox. 1 - H304	**30 - 60%**
CAS number: 64742-82-1 EC number: 919-446-0	**NAPHTHA (PETROLEUM), HYDRODESULPHURISED HEAVY** Flam. Liq. 3 - H226; STOT SE 3 - H336; STOT RE 1 - H372; Asp. Tox. 1 - H304; Aquatic Chronic 2 - H411	**10 - 30%**
CAS number: 108-65-6 EC number: 203-603-9	**2-METHOXY-1-METHYLETHYL ACETATE** Flam. Liq. 3 - H226; STOT SE 3 - H336	**1 - 5%**

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS (continue)

Identification	Chemical name/Classification	Concentration
CAS number: 64742-95-6 EC number: 918-668-5	**HYDROCARBONS, C9, AROMATICS** Flam. Liq. 3 - H226; STOT SE 3 - H335, H336; Asp. Tox. 1 - H304; Aquatic Chronic 2 - H411	**1 - 5%**
CAS number: 136-52-7 EC number: 205-250-6 M factor (Acute) = 1	**COBALT BIS(2-ETHYLHEXANOATE)** Eye Irrit. 2 - H319; Skin Sens. 1A - H317; Repr. 1B - H360F; Aquatic Acute 1 - H400; Aquatic Chronic 3 - H412	**<0.3%**

The full text for all hazard statements is displayed in Section 16.

Ingredient notes: This mixture contains ≥ 1% titanium dioxide (CAS 13463-67-7). The Annex VI classification of titanium dioxide does not apply to this mixture according to its Note 10.

SECTION 4: FIRST-AID MEASURES

4.1 Description of first aid measures:

General information: If in doubt, get medical attention promptly.

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion: Never give anything by mouth to an unconscious person. Give several small portions of water to drink. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists after washing.

4.2 Most important symptoms and effects, both acute and delayed

No data available on the mixture itself.

4.3 Indication of any immediate medical attention and special treatment needed:

Notes for the doctor: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: Extinguish with the following media: Foam. Dry chemicals, sand, dolomite etc.

5.2 Special hazards arising from the substance or mixture:

Specific hazards: The product is flammable.

Hazardous combustion products: Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Carbon dioxide (CO2). Carbon monoxide (CO).

5.3 Advice for firefighters

Protective actions during firefighting: Move containers from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Personal precautions: Wear protective clothing as described in Section 8 of this safety data sheet.

For non-emergency personnel: Keep unnecessary and unprotected personnel away from the area.

6.2 Environmental precautions: Use appropriate containment to avoid environmental contamination.

6.3 Methods and material for containment and cleaning up: Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4 Reference to other sections: For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Usage precautions: Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.

Advice on general occupational hygiene: Do not eat, drink or smoke when using this product. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

SECTION 7: HANDLING AND STORAGE (continue)

7.2 Conditions for safe storage, including any Incompatibilities:

Storage precautions:	Store in tightly closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.
Storage class:	Flammable liquid storage.
7.3 Specific end use(s)	The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Occupational exposure limits

NAPHTHA (PETROLEUM), HYDRODESULPHURISED HEAVY

Long-term exposure limit (8-hour TWA): OES 600 mg/m³

2-METHOXY-1-METHYLETHYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 274 mg/m3(Sk)
Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 548 mg/m3(Sk)
Occupational Exposure Limits (Ireland):
Long-term exposure limit (8-hour TWA): NAOSH (Ireland) OELV 8 hours; 50 ppm 275 mg/m³
Short-term exposure limit (15-minute): NAOSH (Ireland) OELV-15 min 100 ppm 550 mg/m³

WEL = Workplace Exposure Limit.

Ingredient comments WEL = Workplace Exposure Limit

HYDROCARBONS, C9-C11, n-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

DNEL	Industry - Dermal; Long term systemic effects: 208 mg/kg/day Industry - Inhalation; Long term systemic effects: 871 mg/m³ Consumer - Dermal; Long term systemic effects: 125 mg/kg/day Consumer - Inhalation; Long term systemic effects: 185 mg/m³ Consumer - Oral; Long term systemic effects: 125 mg/kg/day

HYDROCARBONS, C9, AROMATICS (CAS: 64742-95-6)

DNEL	Workers - Dermal; Long term systemic effects: 25 mg/kg bw/day Workers - Oral; Long term systemic effects: 150 mg/m³ Consumer - Dermal; Long term systemic effects: 11 mg/kg bw/day Consumer - Inhalation; Long term : 32 mg/m³

8.2 Exposure controls:

Protective equipment:

Appropriate engineering controls:	Provide adequate general and local exhaust ventilation.
Eye/face protection:	If a risk assessment indicates eye contact is possible, suitable eye protection should be worn e.g. safety spectacles, safety goggles or a faceshield as appropriate. Personal protective equipment that provides appropriate eye and face protection should be worn.
Hand protection:	Wear protective gloves. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber; thickness 0.35mm minimum. Butyl Rubber; thickness 0.5mm minimum. Fluorinated rubber (Viton); thickness 0.4mm minimum. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Glove thickness is not necessarily a good measure of glove resistance as the permeation rate will depend on the exact glove composition. The breakthrough time for any glove material may be different for different glove manufacturers. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.
Other skin and body protection:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Hygiene measures:	Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
Respiratory protection:	No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.
Environmental exposure controls:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Store in a demarcated bunded area to prevent release to drains and/or watercourses. Keep container tightly sealed when not in use. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Various colours.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continue)

Odour:	Characteristic
Initial boiling point and range:	130°C
Flash point:	38°C Closed cup.
Upper/lower flammability or explosive limits:	Lower flammable/explosive limit: 0.6 Upper flammable/explosive limit: 7
Vapour pressure:	Not available.
Relative density:	0.90 - 1.10
Solubility(ies):	Immiscible with water.
Partition coefficient:	Not available.
9.2 Other information	
Other information:	No additional information
Volatile organic compound:	This product contains a maximum VOC content of 450 g/l.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:	Flammable/combustible materials.
10.2 Chemical stability:	Stable at normal ambient temperatures.
10.3 Possibility of hazardous reactions:	Under normal conditions of storage and use, no hazardous reactions will occur.
10.4 Conditions to avoid:	Avoid heat, flames and other sources of ignition.
10.5 Incompatible materials:	Avoid contact with the following materials: Acids. Oxidising agents.
10.6 Hazardous decomposition products:	Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological effects:	No information available.
General information:	Causes damage to organs through prolonged or repeated exposure.
Inhalation:	Prolonged inhalation of high concentrations may damage respiratory system.
Ingestion:	Liquid irritates mucous membranes and may cause abdominal pain if swallowed.
Skin contact:	May cause an allergic skin reaction. Product has a defatting effect on skin. Prolonged or repeated exposure may cause severe irritation.
Eye contact:	May cause severe eye irritation.
Target organs:	Skin Eyes Respiratory system, lungs

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Harmful to aquatic life with long lasting effects.
12.1. Toxicity:	No data on the mixture itself.
12.2. Persistence and degradability:	No data available.
12.3. Bioaccumulative potential	
Bioaccumulative potential:	No data available on bioaccumulation.
Partition coefficient:	Not available.
12.4. Mobility in soil:	No data available.
12.5. Results of PBT and vPvB assessment:	This product does not contain any substances classified as PBT or vPvB.
12.6. Other adverse effects:	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal methods:	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: TRANSPORT INFORMATION

14.1	**UN number:**	
	UN No. (ADR/RID):	1263
	UN No. (IMDG):	1263
	UN No. (ICAO):	1263
	UN No. (ADN):	1263
14.2	**UN proper shipping name:**	
	Proper shipping name (ADR/RID):	PAINT
	Proper shipping name (IMDG):	PAINT
	Proper shipping name (ICAO):	PAINT
	Proper shipping name (ADN):	PAINT

SECTION 14: TRANSPORT INFORMATION

14.3	**Transport Hazard Class(es):**	
	ADR/RID class:	3
	ADR/RID classification code:	F1
	ADR/RID label:	3
	IMDG class:	3
	ICAO class/division:	3
	ADN class:	3
	Transport label(s):	
14.4	**Packing group**	II
	ADR/RID packing group:	III
	IMDG packing group:	III
	ICAO packing group:	III
	ADN packing group:	III
14.5	**Environmental hazards:**	No
14.6	**Special precautions for user**	
	EmS:	F-E, S-E
	ADR transport category:	3
	Emergency Action Code:	•3Y
	Hazard Identification Number ADR/RID):	30
	Tunnel restriction code:	(D/E)
14.7	**Transport in bulk according to Annex II of Marpol and the IBC Code**	Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
Guidance: Workplace Exposure Limits EH40.

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet:
WEL: Workplace Exposure Limit.
ATE: Acute Toxicity Estimate.
CAS: Chemical Abstracts Service.
DMEL: Derived Minimal Effect Level.
DNEL: Derived No Effect Level.
PNEC: Predicted No Effect Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

Hazard statements in full:
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H360F May damage fertility.
H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.