

Safety Data Sheet

Regulation (EC) No. 1907/2006, 1272/2008

Trade Name: Gel Paint

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SDS REPORT

JadeUK Ltd
16 Upton Road Tarring BN13 1BU UK

SDS Report No. : SDS201704073
Compilation Date : Feb.18.20.2020~Feb.20.2020
Sample Name : Gel Paint
Composition/Ingredient of The Sample : See section 3 Composition/information on ingredients on the SDS report
Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.
Summary : As per request, the contents and formats of the SDS are prepared in accordance with Regulation (EC) No 1907/2006, 1272/2008, Regulation (EU) No 2015/830 and is provided per attached.

* This sample is likely to be classified as cosmetic product and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for client's reference only.

Signed for and on behalf of
Technical Center:



SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
 - Trade name: Gel Paint
 - Registration number: Data not available
- **1.2 Relevant identified uses of the substance or mixture and uses advised against on**
 - Application of the substance/ mixture: For nail beauty
- **1.3 Details of the supplier of the safety data sheet**
 - Manufacturer/Supplier:
JadeUK Ltd
16 Upton Road Tarring BN13 1BU UK
Email: info@jadeuk.co.uk
 - Only Representative/other EU contact point: No specific country, data not available.
 - Further information obtainable from: JadeUK Ltd

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
Classification according to regulation (EC) 1272/2008:



GHS07 Exclamation mark

| | | |
|---------------|------|-------------------------------------|
| Skin Irrit. 2 | H315 | Causes skin irritation |
| Skin Sens. 1 | H317 | May cause an allergic skin reaction |
| Eye Irrit. 2 | H319 | Causes serious eye irritation |

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects

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

The product has to be labeled due to the calculation procedure of Regulation (EC) 1272/2008.

- **Classification system:**

The classification is according to the latest edition of Regulation (EC) 1272/2008, and extended by company and literature data.

- **2.2 Label elements**

- **Labeling according to Regulation (EC) No 1272/2008:**

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms:**



GHS07

- **Signal word:** Warning

- **Hazard-determining components of the labeling:** 2-hydroxyethyl methacrylate; phenyl bis(2,4,6-trimethylbenzoyl)-phosphine

oxide

• **Hazard statements:**

- H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H412 Harmful to aquatic life with long lasting effects

• **Precautionary statement:**

- P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P261 Avoid breathing gas/vapours/spray.
P280 Wear protective gloves/eye protection/face protection.
P273 Avoid release to the environment.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment see first aid measures on this label
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

• **2.3 Other hazards**

• **Results of PBT and vPvB**

assessment PBT: Not applicable

vPvB: Not applicable

SECTION 3: Composition/information on ingredients

• **3.1 Chemical characterization:** Mixtures

• **Description:**

Mixture of the substances listed below with nonhazardous additions; For the wording of the listed risk phrases refer to section 16.

• **Components:**

| | | |
|--|---|-------|
| CAS No.: 41137-60-4 EC No.: 255-239-5 | 7,7,9-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate Aquatic Chronic 3, H412 | 68.0% |
| CAS No.: 868-77-9 EC No.: 212-782-2 Index No.: 607-124-00-X | 2-hydroxyethyl methacrylate ⚠Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 | 20.0% |
| CAS No.: 947-19-3 EC No.: 213-426-9 | Hydroxycyclohexyl phenyl ketone | 5.0% |
| CAS No.: 162881-26-7 EC No.: 423-340-5 Index No.: 015-189-00-5 | Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide ⚠Skin Sens. 1, H317; Aquatic Chronic 3, H412 | 5.0% |
| CAS No.: 13463-67-7 EC No.: 236-675-5 | Titanium dioxide substance with a Community workplace exposure limit | 1.0% |
| CAS No.: 1309-37-1 EC No.: 215-168-2 | Diiron trioxide substance with a Community workplace exposure limit | 1.0% |
| CAS No.: 14038-43-8 EC No.: 237-875-5 | Prussian blue | 2.0% |

| | | |
|--|---|------|
| CAS No.: 12240-15-2 EC No.: 602-780-3 | C.I. Pigment Blue 27 | 2.0% |
| CAS No.: 25869-00-5 EC No.: 247-304-1 | Ammonium iron(3+) hexakis(cyano-C)ferrate(4-) | 1.0% |
| CAS No.: 12001-99-9 EC No.: 601-657-1 | C.I. Pigment Green 18 | 1.0% |
| CAS No.: 1332-37-2 EC No.: 215-570-8 | Iron oxide | 2.0% |

SECTION 4: First aid measures

· 4.1 Description of first aid measures

General description: Immediately remove any clothing soiled by the product.

After inhalation: Supply fresh air and to be sure 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. If symptoms persist, consult a doctor.

After swallowing: Rinse mouth. If symptoms persist consult doctor.

· 4.2 Most important symptoms and effects, both acute and delayed: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

· 4.3 Indication of any immediate medical attention and special treatment needed: No further relevant information available.

SECTION 5: Fire-fighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· 5.2 Special hazards arising from the substance or mixture: No further relevant information available.

· 5.3 Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures:

Collect spillage timely; Ensure adequate ventilation; Use respiratory protective device against the effects of gas/vapours/spray; Keep away from ignition source; Avoid contact with skin and eyes.

· 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water source; Inform respective authorities in case of seepage into water course or sewage system; Do not allow enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust); Ensure good ventilation. Dispose contaminated material as waste according to item 13.

· 6.4 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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Read label before use; Ensure good ventilation/exhaustion at the workplace; Keep away from heat source and ignition source; Prevent formation of aerosols; Wear protective gloves/ eye protection/face protection; Avoid contact with skin and eyes; Prevent release to environment.

· **Information about fire and explosion protection:** Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any non-compatibility

· **Requirements to be met by storerooms and receptacles:** Store in dry, cool and a well-ventilated place.

· **Information about storage in one common storage facility:** Keep out of reach of children; Keep away from flammable substance.

· **Further information about storage conditions:** Keep container tightly sealed.

7.3 Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

| | |
|--|--|
| 868-77-9 2-hydroxyethyl methacrylate (20.0%) | |
| MAK (Germany) | vgl.Abschn.IIb |
| 13463-67-7 titanium dioxide (2.0%) | |
| WEL (Great Britain) | Long-term value: 10* 4** mg/m ³ *total inhalable **respirable |
| AGW (Germany) | Long-term value: 1,25* 10** mg/m ³ 2(II),*alveolengängig**eintembar; AGS, DFG |
| VME (France) | Long-term value: 10 mg/m ³ |
| 1309-37-1 diiron trioxide (2.0%) | |
| WEL (Great Britain) | Short-term value: 10* mg/m ³ Long-term value: 5* 10** 4*** mg/m ³ *fume (as Fe), **total respirable, ***respirable |
| AGW (Germany) | Long-term value: 1,25* 10** mg/m ³ 2(II),*alveolengängig**eintembar; AGS, DFG |
| VME (France) | Long-term value: 5 mg/m ³ |

· **DNELs:** Data not available

· **PNECs:** Data not available

· **Additional information:** The lists valid during the marking were used as basis.

8.2 Exposure controls

Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.

· Appropriate engineering controls:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

See Section 7 for information about design of technical facilities.

· **Personal protective equipment**

· **Respiration protection:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **Protection of hands:**



Protective gloves

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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 composition, the resistance of the glove material can't 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:**



Safety glasses

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **Appearance:**

| | |
|--|---|
| Form | Gel |
| Color | Red |
| Odor | Odorless |
| Odor threshold | Data not available |
| · pH-value | Data not available |
| · Change in condition | |
| Melting point/melting range | Data not available |
| Boiling point and boiling range | Data not available |
| · Freezing point | Data not available |
| · Flash point: | Data not available |
| · Flammability (solid, gas) | Not applicable |
| · Decomposition temperature | Data not available |
| · Self-ignition | Product is not self-ignition. |
| · Danger of explosion | Product does not present an explosion hazard. |
| · Explosion limits | |
| Lower: | Data not available |
| Upper: | Data not available |
| · Oxidizing properties | Data not available |
| · Vapor pressure | Data not available |

| | |
|---|---|
| Density | Data not available |
| Relative density | Data not available |
| Vapor density | Data not available |
| Evaporation rate | Data not available |
| Solubility in/Miscibility with Water | Data not available |
| Partition coefficient (n-octanol/water) | Data not available |
| Viscosity Dynamic Kinematic | Data not available Data not available |
| · 9.2 Other information | No further relevant information available |

SECTION 10: Stability and reactivity

- 10.1 Reactivity: No decomposition if used according to specification.
- 10.2 Chemical stability: Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions: No dangerous reactions known.
- 10.4 Conditions to avoid: High temperature and ignition source.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No further relevant information available.

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity: Based on available data, the classification criteria are not met.
- Skin corrosion/irritation: Causes skin irritation.
- Serious eyes damage/irritation: Causes serious eye irritation.
- Respiratory or skin sensitization: May cause an allergic skin reaction.
- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity: Data not available
- 12.2 Persistence and degradability: Data not available

- 12.3 Bio-accumulative potential: Data not available
- 12.4 Mobility in soil: Data not available
- 12.5 Results of PBT and vPvB assessment
PBT: Not applicable
vPvB: Not applicable
- 12.6 Other adverse effects: No further relevant information available.
- 12.7 Additional ecological information
General notes: Water hazard class 2 (German Regulation) (self-assessment): Hazardous for water environment.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Harmful to aquatic organisms

SECTION 13: Disposal consideration

- 13.1 Waste treatment methods
Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- 13.2 Un-cleaned packaging
Recommendation: Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

| | |
|--|---|
| ·14.1 UN-Number ADR, RID, ADN IMDG, IATA | Not regulated as dangerous transport goods, not applicable |
| ·14.2 UN proper shipping name ADR, RID, ADN IMDG, IATA | Not applicable |
| ·14.3 Transport hazard class (es) ADR, RID, ADN IMDG, IATA Class | Not applicable Not applicable |
| Label | |
| ·14.4 Packing group ADR, RID, ADN IMDG, IATA | Not applicable |
| ·14.5 Environmental hazards Marine pollution | No |
| ·14.6 Special precautions for user · Danger code (Kemler) | Not applicable - |
| ·14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. Not dangerous according to the above specifications. |
| ·14.8 Transport/Additional information · UN “Model Regulation” | Void |

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- MAK (German Maximum Workplace Concentration):
13463-67-7 Titanium dioxide
- Directive 2012/18/EU
- Named dangerous substances- ANNEX I: None of the ingredients is listed.
- Seveso category: Not applicable
- Qualifying quantity (tonnes) for the application of lower-tier requirements: Not applicable

- **Qualifying quantity (tonnes) for the application of upper-tier requirements:** Not applicable
- **National regulations.**
- **Water hazard class:** Water hazard class 2(German Regulation) (self-assessment): Hazardous for water environment.
- **Other regulations, limitations and prohibitive regulations**
- **SVHC Candidate list of REACH Regulation Annex XIV Authorization (17/12/2015):** None of the ingredients is listed.
- **REACH Regulation Annex XVII Restriction (16/2/2016):** None of the ingredients is listed.
- **REACH Regulation Annex XIV Authorization List (14/8/2014):** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safe Assessment has not been carried out.

SECTION 16: Other information

Relevant phrases:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Remark:

This sample is likely to be classified as cosmetic product and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for client's reference only.

• Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

Aquatic Chronic 4: Hazardous to the aquatic environment - Chronic Hazard, Category 4

End of safety data sheet