

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

1.1 Product Identifier

Product Name : Polycraft Silicone Pigment

Product Type: Black, Blue, Light Green, Dark Green, Light Brown, Dark Brown, Light Yellow, Dark Yellow, Grey, Pink, Light Flesh, Mid Flesh, Dark Flesh, Lilac, Red, Red Iron Oxide, White

1.2 Relevant Identified Uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses

Silicone Elastomer Colourant

1.3 Details of the supplier of the safety data sheet

MB Fibreglass
Unit 17 & 20 Abbey Business Park
Mill Road, Newtownabbey
Co. Antrim
BT36 7EE
Tel: 02890 861992
Email: sales@mbfg.co.uk

1.4 Emergency telephone number

Emergency Number : 02890 861992 (Office hours only)

Section 2: Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not hazardous substance or mixture

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2 Label Elements

Labelling according to Regulation (EC) No. 1272/2008

No labelling according to GHS required

2.3 Other hazards

No additional information available

Section 3: Composition / Information on ingredients

3.1 Substance

No additional information available

3.2 Mixture

Pigment and Polydimethylsiloxane

3.2.2 Hazardous Ingredients

This material does not contain any ingredients above the permitted limit(s).

Section 4: First aid measures

4.1 Description of first aid measures

General information: In case you feel unwell seek medical advice

Contact with the eyes: Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation

Contact with the skin: Wipe off excess material with cloth or paper. Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice

Inhalation: Remove to fresh air, seek medical advice

Ingestion: Clean Mouth, Give several small portions of water to drink. Do not induce vomiting

4.2 Most important symptoms and effects, both acute and delayed

None Known

4.3 Indication of any immediate medical attention and special treatment needed

Specific Recommendations, Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: water mist, extinguishing powder, alcohol-resistant foam, carbon dioxide, sand: Extinguishing media which must not be used for safety reasons: water jet .

5.2 Special hazards arising from the substance or mixture

None Known

5.3 Advice for firefighters

Special protective equipment for firefighting: Use respiratory protection independent of recirculated air. Keep unprotected persons away.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures: Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. If material is released indicate risk of slipping. Do not walk through spilled material.

6.2 Environmental precautions

Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground.

6.3 Methods and material for containment and cleaning up

Prevent further leakage or spillage, if safe to do so. Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly. Use personal protective equipment as required. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.

6.4 Reference to other sections

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13)

Section 7: Handling and storage

7.1 Precautions for safe handling

No special precautions for safe handling beyond good hygiene practices, use personal protective equipment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

7.2 Precautions against fire and explosion

Observe the general rules for fire prevention

7.3 Conditions for safe storage, including any incompatibilities

Store in a cool, dry place with adequate ventilation, Keep away from incompatible materials, open flames, and high temperatures. Avoid contact with oxidizing agents

Section 8: Exposure controls / personal protection

8.1 Control Parameters

Maximum airborne concentrations at the workplace: Not applicable

8.2 Exposure Controls

Personal Protective Equipment:

Eye Protection: Safety Glasses

Skin Protection: Nitrile Gloves

General protection and hygiene measures: Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat, drink or smoke when handling.

Section 9: Physical and chemical properties
9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Varied
Odour	: Slight
Odour threshold	: No Data Available
pH	: No Data Available
Relative evaporation rate	: No Data Available
Melting point	: No Data Available
Freezing point	: No Data Available
Boiling point	: No Data Available
Flash point	: No Data Available
Auto-ignition temperature	: No Data Available
Decomposition temperature	: No Data Available
Flammability (solid, gas)	: Upper / Lower or explosive limits No Data Available
Vapour Pressure	: No Data Available
Relative vapour density at 20°C	: No Data Available
Solubility	: No Data Available
Viscosity	: No Data Available

Section 10: Stability and reactivity
10.1 Reactivity

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.2 Conditions to Avoid

None Known

10.3 Incompatible Materials

Strong Oxidising Agents

10.4 Hazardous Decomposition products

If stored and handled properly: none known. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Section 11: Toxicological information

Inhalation: no information available
 Ingestion: no information available
 Skin Contact: no information available
 Eye Contact: no information available

11.1 Information on toxicological effects

There is no toxicological information for this product at this endpoint. Information is given on specified substance in the ingredients.

Acute toxicity:

Route of Exposure	Results/Effect	Species / Test System	Source
Oral	LD50 >5000mg/kg Neither Mortality nor clinical signs of toxicity were observed with the given dose	rat	Literature (Polydimethylsiloxane)
Dermal	LD50 >2008mg/kg Neither Mortality nor clinical signs of toxicity were observed with the given dose	rat	Literature (Polydimethylsiloxane)

11.1.2 Skin Corrosion / Irritation

Result / Effect	Species / Test System	Source
Not irritating	rabbit	Literature (Polydimethylsiloxane)

11.1.3 Serious eye damage / eye irritation

Result / Effect	Species / Test System	Source
Not irritating	rabbit	Literature (Polydimethylsiloxane)

11.1.4 Respiratory or skin sensitisation

Route of Exposure	Results/Effect	Species / Test System	Source
Dermal	Not sensitising	guinea-pig; Magnusson-Kligman	Literature (Polydimethylsiloxane) OECD 406

11.1.5 Germ cell mutagenicity

Result / Effect	Species / Test System	Source
Negative	Mutation assay (in vitro) Bacterial cells	Literature (Polydimethylsiloxane) OECD 471

11.1.6 Carcinogenicity

There is no toxicological information for this product at this endpoint. Information is given on specified substance in the ingredients. Polydimethylsiloxane: Assessment Animal tests have not revealed any carcinogenic effects

Result / Effect	Species / Test System	Source
NOAEL > 1000 mg/kg NOAEL = NOAEL (carcinogenic effects)	carcinogenicity study rat (F344) oral (feed) 2 A	Literature (Polydimethylsiloxane) OECD 471

11.1.7 Reproductive toxicity

There is no toxicological information for this product at this endpoint. Information is given on specified substance in the ingredients.

Polydimethylsiloxane: Assessment : Animal tests have shown no indications of possibility of damage to embryo and impairment of fertility.

Result / Effect	Species / Test System	Source
Animal tests have shown no indications of possibility of damage to embryo and impairment of fertility.	Developmental Toxicity Study rabbit oral (gavage); day 6 - 19 of gestation	Literature (Polydimethylsiloxane)

11.1.8 Specific target organ toxicity (single exposure)

There is no toxicological information for this product at this endpoint.

11.1.9 Specific target organ toxicity (repeated exposure)

There is no toxicological information for this product at this endpoint. Information is given on specified substance in the ingredients.

Result / Effect	Species / Test System	Source
NOAEL: >= 1000 mg/kg NOAEL = NOAEL (systemic effects)	Chronic study rat oral (feed) 1 a Follow-up observation period: 1 a	Literature (Polydimethylsiloxane)

11.1.10 Aspiration hazard

Assessment: There is no toxicological information for this product at this endpoint.

Section 12: Ecological information
12.1 Toxicity

There is no Ecological information for this product at this endpoint.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

PBT identification: This product is not identified as PBT/vPvB substance

12.6 Other adverse effects

No data available.

Section 13: Disposal considerations

13.1 Waste treatment methods

Recommendation: Material that cannot be used, reprocessed or recycled should be disposed of in accordance with local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration. Uncleaned packaging: Recommendation: Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

Section 14: Transport information

This product is not subject to transport regulations

Road ADR: Valuation: Not regulated for transport Railway

RID: Valuation: Not regulated for transport

Transport by sea IMDG-Code: Not regulated for transport

Air transport ICAO-TI/IATA-DGR: Not regulated for transport

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety, health and environmental regulations/legislation specific for the substance or mixture National and local regulations must be observed

15.2 Chemical safety assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture

Section 16 Other information

Other information

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.