

WHEELPAINTS

Specialist Paints for the Alloy Wheel Industry

Revision Date: 19th August 2019

MATERIAL SAFETY DATA SHEETS

1. Identification of the substance and of the company/undertaking
<p>Product Details:</p> <p>Product Name: Satin/Matt Clearcoat Powder WP-52-00-35P Application of the substance/ the preparation: Coating Powder Supplier: WHEELPAINTS NN5 5JF UNITED KINGDOM Tel: 01604 600585 E-mail: esales@wheelpaints.co.uk www.wheelpaints.co.uk</p> <p>Identified Uses:</p> <p>Coating powder</p> <p>Uses advised against – No specific uses advised against are identified.</p>
2. Hazards Identification

The product is classified as dangerous in accordance with Regulation (EC) No. 1272/2008.

2.1. Classification of the substance or mixture

Classification of the mixture

According to Regulation (EC) No 1272/2008

Aquatic Chronic 3, H412;

2.2. Label elements

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

Hazard statements

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 - Avoid release to the environment.

2.3. Other hazards

May form explosible dust-air mixture if dispersed. This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT). This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

Restricted to professional users.

3. Composition/information on ingredients

Mixtures

Chemical characterization

Mixture of synthetic resins and pigments.

Hazardous components

Substances presenting a health or environmental hazard within the meaning of Regulation (EC) No 1272/2008

CAS 26741-53-7 Bis(2,4-di-tert-butylphenyl) pentaerythritol diphosphate

EC 247-952-5 REACH 01-2119977073-34 0.3 - < 0.5 %
Classification Aquatic Chronic 1, H410;

Other reporting relevant substances

CAS not available Coating powder inhalable

EC REACH Classification	no registration number available	95.00 - < 100.00%
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CAS	not available	Coating powder respirable
EC REACH Classification	no registration number available	7.00 - < 10.00 %

Up to the given revision date of this safety data sheet only the above-mentioned REACH registration numbers are assigned to the chemical substances used in this mixture.

Additional advice

4. First Aid Measures

4.1. Description of first aid measures

General advice

When symptoms persist or in all cases of doubt seek medical advice. Never give anything by mouth to an unconscious person.

Inhalation

Avoid breathing dust. Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

Skin contact

Do NOT use solvents or thinners. Take off contaminated clothing and shoes immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. If skin irritation persists, call a physician.

Eye contact

Remove contact lenses. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Seek medical advice.

Ingestion

If swallowed, seek medical advice immediately and show this safety data sheet (SDS) or product label.

4.2. Most important symptoms and effects, both acute and delayed

Please see practical experience in section 11.

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

If unconscious place in recovery position and seek medical advice.

5. Fire Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray
Dry chemical

Extinguishing media which shall not be used for safety reasons

High volume water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Fire will produce dense black smoke containing hazardous combustion products. Exposure to decomposition products may be a hazard to health.

Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

5.3. Advice for firefighters

Fire and Explosion Hazards

The product is not flammable. The product itself does not burn.

Special Protective Equipment and Fire Fighting Procedures

Wear as appropriate: Full protective flameproof clothing. Wear self-contained breathing apparatus for firefighting if necessary. Do not allow run-off from firefighting to enter drains or water courses.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Air out the room. Do not breathe dust.

6.2. Environmental precautions

Do not let product enter drains. Notify the respective authorities in accordance with local law in the case of contamination of rivers, lakes or wastewater systems. Please avoid any emission of volatile organic compounds as possible.

6.3. Methods and materials for containment and cleaning up

Contain and collect spillage with an electrically protected vacuum cleaner or by wet brushing and place in container for disposal according to local regulations. Do not use a dry brush as dust clouds or static can be created! Use a suitable vacuum cleaner.

6.4. Reference to other sections

Comply with safety directives (see chapters 7 and 8).

7. Handling and Storage

It is recommended that advice is taken from a competent occupational health practitioner on the assessment of employees with skin or respiratory complaints before the individual is exposed to the uncured product.

7.1. Precautions for safe handling

Safe handling advice

Precautions should be taken to prevent the formation of dusts in concentrations above flammable, explosive or occupational exposure limits. Preparation may charge electrostatically: always use grounded leads when transferring from one container to another.

Operators should wear antistatic footwear and clothing. Keep away from open flames, hot surfaces and sources of ignition. Smoking, eating and drinking should be prohibited in the application area.

Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. For personal protection see section 8. Comply with the health and safety at work laws. If material is a coating, do not sand, flame cut, braze or weld dry coating without an appropriate respirator or appropriate ventilation, and gloves.

Advice on protection against fire and explosion

Always keep in containers of same material as the original one. The accumulation of contaminated rags may result in spontaneous combustion. Good housekeeping standards and regular safe removal of waste materials will minimize the risks of spontaneous combustion and other fire hazards.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Observe label precautions. Refer to Technical Data Sheet (TDS) for further information about storage temperature. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on common storage

Store separately from oxidizing agents and strongly alkaline and strongly acidic materials.

7.3. Specific end use(s)

Please see exposure scenarios as given in the annex

8. Exposure controls and personal protection

8.1. Control parameters

DNEL

No information available.

PNEC

No information available.

Community / national occupational exposure limits

CAS-No.	Chemical name	Source Time	Type	Value	Note
	Coating powder inhalable			10 mg/m ³	
	Coating powder respirable			4 mg/m ³	

Glossary

IOELV Indicative Occupational Exposure Limit Values

TWA Time weighted average

8.2. Exposure controls

Additional technical information on the plant

Do not breathe dust. Provide adequate ventilation. This should be achieved by a good general extraction and -if practically feasible- using a local exhaust ventilation. If these are not enough to maintain exposure to dusts below the OEL, suitable respiratory protection must be worn.

Protective equipment

Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

Respiratory protection

If dust formation exceeds the air concentration limits, then a respiratory protection device approved for this purpose must be worn.

Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. The breakthrough time of gloves is unknown for the product itself. The glove material given is recommended on basis of the substances in the preparation.

<u>Chemical name</u>	<u>Glove material</u>	<u>Glove thickness</u>	<u>Break through time</u>
	Nitrile rubber	0.33 mm	> 240 min

The protective glove should be checked in each case for their work specific suitability (e.g. mechanical stability, product compatibility, and anti-static properties). After contamination, the glove must be changed. Care should be taken when working with sharp edged articles as these can easily damage the gloves and make them ineffective. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Damaged gloves or those showing signs of wear should be replaced immediately. Preventive skin protection such as skin protective cream is recommended. Work tasks should be arranged in such a way that gloves do not have to be worn continuously.

Eye protection

Eye protection (to EN 166/170) designed to protect against exposure to dusts should be worn when there is a likelihood of exposure.

Skin and body protection

Wear suitable protective clothing. Care should be taken in the selection of protective clothing. Avoid contact with the powder on throat and wrists due to possible inflammation and irritation of the skin.

Hygiene measures

Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use organic solvents!

Environmental exposure controls

Do not let product enter drains. For ecological information refer to section 12.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Form: solid;

Odour: Odour is not perceptible.

Important health, safety and environmental information

Property	Value	Method
pH	Not applicable	
Melting point/freezing point	120 °C	
Boiling point/boiling range	Not applicable.	
Flash point	Not applicable.	EN ISO 3679
Evaporation rate	Not applicable	
Flammability (solid, gas)	No data available	
Lower explosion limit	40 g/m ³	
Upper explosion limit	Not applicable.	
Vapour pressure	0.0 hPa	
Vapour density	No data available	
Density	1.19 g/cm ³	20 °C - DIN 53217/ISO 2811
Solubility(ies)		
Water solubility	moderate	
Solubility in other solvents	No data available	
Partition coefficient: n-octanol/water	This product is a mixture. For ingredient details see section 12	
Minimum ignition energy	15 - 60 mJ	CEN TC 305
Decomposition temperature	This product is a mixture. For further information see section 10.	
Viscosity (23 °C)	solid	
Explosive properties	Not explosive	
Oxidizing properties	not oxidizing	

9.2. Other information

Content of volatile components
(including water) | 0.0 %

Basis Vapour pressure >=

10. Stability and Reactivity

10.1 Reactivity

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.2. Chemical stability

The product is chemically stable.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Stable under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials to avoid

not required under normal use

10.6. Hazardous decomposition products

None known

11. Toxicological Information

11.1. Information on toxicological effects

General observations

There is no data available on the product. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1272/2008/EC and classified for toxicological hazards accordingly. See sections 2 and 3 for details.

Practical experience

Swallowing may cause nausea, diarrhoea, vomiting and gastro-intestinal irritation.

Acute toxicity

Acute inhalation toxicity

Based on available data, the classification criteria are not met.

Acute dermal toxicity

Based on available data, the classification criteria are not met.

Acute oral toxicity

Based on available data, the classification criteria are not met.

Irritation

Eyes

Based on available data, the classification criteria are not met.

Skin

Based on available data, the classification criteria are not met.

Corrosion

Eyes

Based on available data, the classification criteria are not met.

Skin

Based on available data, the classification criteria are not met.

Sensitisation

Respiratory sensitisation

Based on available data, the classification criteria are not met

Skin sensitisation

Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure

Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Mutagenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

12. Ecological Information

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses. The data in this section is consistent with data from chemical safety reports available at the date of revision.

12.1. Toxicity**Aquatic toxicity****Acute and extended toxicity of fishes**

EINECS-No.	Chemical name	Species	Type	Exposure time	Value	Method
247-952-5	Bis(2,4-di-tert-butylphenyl) pentaerythritol diphosphite	Danio rerio (zebra fish)	LC50	0	100 mg/l	

Contains 0.0% of components with unknown hazards to the aquatic environment.

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

Based on available data no ingredient is classified for this hazard property (please see section 3).

12.6. Other adverse effects

The preparation has been assessed following the conventional method of the CLP Regulation 1272/2008/EC and is classified for eco-toxicological properties accordingly. See sections 2 and 3 for details.

Adsorbed organic bound halogens (AOX)

Product does not contain organic linked halogens contributing to AOX.

13. Disposal considerations**13.1. Waste treatment methods**

Dispose of in accordance with local regulations.

Product

Recommendation: A disposal process that converts the waste into energy is recommended. Can be landfilled or incinerated, when in compliance with local regulations.

Waste Key Number	Description
080111	waste paint and varnish containing organic solvents or other dangerous substances

Uncleaned packaging

Recommendation:

Empty containers can be landfilled, when in accordance with the local regulations.

Properly emptied composite packaging is to be disposed of as commercial waste (waste key-number 150105).

14. Transport Information

Not classified as dangerous in the meaning of transport regulations.

ADR/RID: in accordance with nota 1 of chapter 2.2.3.1.1

IMDG: in accordance with chapter 2.3.1.3

ICAO/IATA: in accordance with chapter 3.3.1.3

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packaging group

Not applicable.

14.5. Environmental hazards

ADR/RID; IMDG; ICAO/IATA: none

Marine pollutant

IMDG: no

14.6. Special precautions for user

please see section 6 – 8

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Deliveries shall only be made based on appropriate packaging and in compliance with traffic laws.

15. Regulatory Information

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

National legislation

This safety datasheet has been prepared according to British legislation.

The product is labeled according to the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 as amended (CHIP Regulations). The risk associated with the use of this product must be assessed in accordance with the Control of Substances Hazardous to Health (COSHH) Regulations and the Dangerous Substances and Explosive Atmospheres Regulations.

Restricted to professional users.

15.2. Chemical safety assessment

No safety checks were carried out on the mixture.

16. Other Information

Full text of H phrases with no. appearing in section 3

H410 Very toxic to aquatic life with long lasting effects.

Information taken from reference works and the literature.

Substance No.	CAS no: http://support.cas.org/content/chemical-substances http://echa.europa.eu/
Substances presenting a health or environmental hazard within the meaning of Directive 67/548/EEC.	http://echa.europa.eu/search-for-chemicals http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB https://www.cdc.gov/niosh/ipcs/
Other directives, limitations and prohibitory regulations	Regulation (EC) No. 1907/2006 Directive 98/24/EC Directive 2004/37/EC REGULATION (EC) No 1272/2008 EUR-LEX: http://eur-lex.europa.eu/homepage.html
Exposure limit for the pure substance	http://osha.europa.eu/OSHA

Training advice

Regulation (EC) No. 1907/2006

Directive 98/24/EC

Further information

The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.