

WHEELPAINTS

Specialist Paints for the Alloy Wheel Industry

MATERIAL SAFETY DATA SHEETS

1. Identification of the substance
Product Details: Product Name: Honda Championship White Powder Application of the substance/ the preparation: Coating Powder Supplier: WHEELPAINTS NN5 5JF UNITED KINGDOM Tel: 01604 600582 E-mail: esales@wheelpaints.co.uk www.wheelpaints.co.uk
2. Identified Uses
Coating Powder Based on use descriptor system given by guideline of the European Chemical Agency Sector of use: SU 3 Product Category: PC9a, PC9b The product is only for industrial and/or professional use, not for any private consumer use.
3. Hazards Identification
This product is not classified as dangerous according to Regulation (EC) No.1272/2008. Classification of the mixture According to Regulation (EC) No 1272/2008 EUH210; Hazard Statements EUH210 Safety data sheet available on request. Chemical characterization Mixture of synthetic resins and pigments
4. 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 irregular or stopped, administer artificial respiration. If systems persist, call your doctor.

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 doctor.

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

After swallowing: Seek medical advice immediately and show them this safety data sheet or product label.

5. Fire Fighting Measures

Suitable extinguishing agents: Water Spray/Dry chemical

For safety reasons unsuitable extinguishing agents: High volume water jet

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.

Fire and Explosion Hazards: This 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 fire fighting to enter drains or water courses.

6. Accidental Release Measures

Person-related safety precautions: Keep away from sources of ignition. Air out the room. Do not breathe dust.

Measures for environmental protection: Do not allow the product enter drains. Notify the respective authorities in accordance with local law in the case of contamination of rivers, lakes or waste water systems. Please avoid any emission of volatile organic compounds as possible.

Methods and material for containment and cleaning up: Contain and collect spillage with a electricity 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.

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.

Precautions for safe handling: 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 meeting hot surfaces, sparks or other ignition sources. 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.

Fire and explosion protection: 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.

Requirements for storage areas and containers

Observe label precautions. Refer to the Technical data sheet for further information about the storage temperatures. 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 material.

8. Exposure controls and personal protection

Control Parameters

DNEL

CAS-No	Chemical Name	End use	Exposure Routes	Frequency of exposure
1860-26-0	2-ethyl-N,N-bis (2-ethylhexyl)hexan-1-anine	Workers Workers	Dermal Inhalative	Long Term Long Term

Type	Value
Systemic Effects	0.13mg/kg/day
Systemic Effects	0.02 ppm

PNEC

No information available.

Community / national occupational exposure limits

CAS- No.	Chemical Name	Source Time	Type	Value	Note
	Coating powder inhalable			10 mg/m3	
	Coating powder respirable			4 mg/m3	

Glossary

IOELV	Indicative Occupational Exposure Limit Values
TWA	Time weighted average

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- by the use of a local exhaust ventilation. If these are not sufficient 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 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 has to 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 cleaner. Do not use organic solvents.

Environmental exposure controls

Do not let product enter drains.

9. Physical and Chemical Properties

Appearance

Form: Solid

Colour: White

Odour: Odour is not perceptible

Important health, safety and environmental information

Property	Value	Method
pH	Not applicable	
Melting point/freezing point	50-1843°C	
Boiling point/boiling range		
Flash point	Not applicable	EN ISO 3679
Evaporation Rate	Not applicable	
Flammability (solid, gas)	No data available	
Lower explosion Limit	20 g/m ³	
Upper explosion limit	Not applicable	
Vapour Pressure	Not applicable	

Vapour Density	No data available	
Density	1.72 g/cm ³	20°C-DIN53217/ISO 2811
Solubility(ies)		
Water solubility	Nil	
Solubility in other solvents	No data available	
Partition coefficient: n-octanol/water	This product is a mixture.	
Minimum ignition energy	15-60 mJ	CEN TC 305
Decomposition temperature	This Product is a mixture.	
Viscosity (23°C)	Solid	
Explosive Properties	Not explosive	
Oxidizing Properties	Not Oxidizing	
Other Information:		
Content of volatile components (including water) – 0.0% - Basis vapour pressure >=0.01 kPa		

10. Stability and Reactivity

Reactivity

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

Chemical Stability

The product is chemically stable.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid

Stable under recommended storage and handling conditions.

Incompatible material to avoid

Not required under normal use.

Hazardous decomposition products

Not Known

11. Toxicological Information

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.

Practical Experience

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

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

EINECS-No.	Chemical Name	Value
283-464-9	N,N-Demethylalkyl (C12-C14)amine	ATE 500

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

EINECS-No.	Chemical Name	Result
283-464-9	N,N-Dimethylalkyl(C12-C14)amine	corrosive

Skin

EINECS-No	Chemical Name	Result
283-464-9	N,N-Dimethylalkyl (C12-C14)amine	corrosive

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

EINECS-No – 217-461-0

Chemical Name – 2-ethyl-N,N-bis(2-ethylhexyl) hexan-1-amine

Result- May cause damage to organs through prolonged or repeated exposure.

Carcinogenicity

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

Mutagenicity

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

Reproductive Toxicity

EINECS-No – 283-464-9

Chemical Name-N,N-Dimethylalkyl(C12-C14)amine

Species – Oncorhynchus mykiss (rainbow trout)

Type- LC50

Exposure Time- 96h

Value- 0.62 mg/l

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

Persistence and degradability

No information available.

Bio accumulative Potential

No information available

Mobility in soil

No information

Results in PBT and vPvB assessment

Based on available data no ingredient is classified for this hazard property

Other Adverse Effects

The preparation was evaluated in accordance with the conventional method of the preparation's directive 1272/2008/EC, and it was not classified as dangerous for the environment, but it does contain environmentally dangerous materials.

Adsorbed organic bound halogens (AOX)

Product does not contain organic linked halogens contributing to AOX.

12. Disposal Considerations

Waste Treatment Methods

Dispose of in accordance with local regulations.

Product

Recommendations:

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: 080201

Description: Waste Coating Powders

Uncleaned Packaging:

Recommendation:

Empty containers can be landfilled, when in accordance with the local regulations. Properly emptied composite packaging is to dispose of as commercial waste (waste key-number 150105)

13. 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

UN Number

Not applicable

UN Proper Shipping Name

Not applicable

Transport Hazard Class(es)

Not applicable

Packaging Group

Not applicable

Environmental Hazards

ADR/RID; IMDG; ICAO/IATA: None

Marine Pollutant

IMDG: No

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

14. Regulations

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

This product is non-dangerous in accordance with Directive 1999/45/EC

National Legislation

This safety data sheet has been prepared according to British legislation.

The product is labelled according to 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.

Chemical safety assessment

No safety checks were carried out on the mixture.

15. Other Information

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

H302 – Harmful if swallowed

H314 – Causes severe skin burns and eye damage

H361F – Suspected of damaging fertility.

H373 – May cause damage to organs through prolonged or repeated exposure.

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>
<http://www.cdc.gov/niosh/ipcs>

Other directives, limitations and prohibitor regulations – Regulation (EC) No. 1907/2006
Directive 98/24/EC
Directive 2004/37/EC

Regulation (EC) No 1272/2008

EUR-LEX: <http://eurlex.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 the data sheet 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 the purposes other than those specified under section 1 without 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 data sheet is to describe the product only in terms of health and safety requirements and should not, therefore be construed as guaranteeing specific properties.

Glossary

SU – Sector of use

PC – Product category

PROC – Process category

ERC – Environmental release category

AC – Article category

SpERC – Sector specific environmental release category (for ACEA uses)

ACEA – European automobile manufacturers association

CEPE – European council of producers and importers of paint, printing inks and artists' colours

OC – Operational condition

DOA – Duration of activity

LEV – Local exhaust ventilation

TRV – Technical room ventilation

RMM – Risk management measures

RPE – Respiratory protection equipment

DPE – Dermal protection equipment

WWTP- Waste water treatment plant (on-site)

STP – Sewage treatment plant (municipal)

SVHC – Substance of very high concern

LSI – Lead substance indicator

M(sperc) – Maximum volume of lead substance which can be used safely under conditions described by CEPE spERC

DNEL – Derived No Effect Level

DMEL – Derived minimum effect level

PNEC – Predicted No Effect Concentration

ECETOC TRA – Targeted risk assessment as proposed by European centre for ecotoxicology and toxicology of chemicals

RCR – Risk characterisation ratio