

Safety Data Sheet (in compliance with Regulation (EC) 1907/2006)

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKINGProduct identifier

Hofmann Power Weight Balancing Compound 504

REACH Registr. n°:

Exempted in accordance with Annex V.7

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

Mineral based, coated balancing compound for vibration dampening in truck wheels through injection into tubeless truck tires according to current Hofmann Power Weight Balancing Compound application guide.

Details of the supplier of the safety data sheetCOMPANY/UNDERTAKING IDENTIFICATION

WEGMANN automotive GmbH

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E-mail of responsible person for SDS:

sds@wegmann-automotive.com

SECTION 2: HAZARDS IDENTIFICATIONClassification of the substance or mixture

This product does not meet the criteria for classification as hazardous as defined in the Regulation EC 1272/2008 and in Directive 67/548/EEC.

Depending on the type of handling and use, airborne respirable crystalline silica may be generated. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable crystalline silica dust should be monitored and controlled. This product should be handled with care to avoid dust generation.

Regulation EC 1272/2008:

No classification

Classification EU (67/548/EEC):

No classification

Label elements

None

Other hazards

This product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Granular quartz, coated with coloured pigmented synthetic resin system.

Main constituent

Quartz

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Amount:SiO₂ > 98% 2/6E.I.N.E.C.S.-N°

238-878-4

C.A.S.-N°

014808-60-7

Impurities

This product contains less than 1% of quartz (fine fraction), which is classified as STOT RE1.

SECTION 4: FIRST AID MEASURESDescription of first aid measuresEYE CONTACT:

Rinse with copious quantities of water and seek medical attention if irritation persists.

INHALATION:

Movement of the exposed individual from the area to fresh air is recommended.

INGESTION:

No first-aid measure required.

SKIN CONTACT:

No special first aid measures necessary.

Most important symptoms and effects, both acute and delayed

No acute and delayed symptoms and effects are observed.

Indication of any immediate medical attention and special treatment needed

No special measure.

SECTION 5: FIREFIGHTING MEASURESExtinguishing media

No specific extinguishing media is needed.

Special hazards arising from the substance or mixture

Product self does not burn.

In case of a large fire in the environment can arise decomposition gas CO- and CO₂.Advice for firefighters

No specific fire-fighting protection is required.

SECTION 6: ACCIDENTAL RELEASE MEASURESPersonal precautions, protective equipment and emergency procedures

Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation

ENVIRONMENTAL PRECAUTIONS:

No special requirements.

Methods and material for containment and cleaning up

Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation.

Reference to other sections

See sections 8 and 13.

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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid airborne dust generation.

Do not to eat, drink and smoke in work areas; wash hands after use.

Conditions for safe storage, including any incompatibilities

Technical measures/Precautions

Minimise airborne dust generation. Keep containers closed and store packaged products so as to prevent accidental bursting. 3/6

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable dust, respirable crystalline silica dust).

The OEL (Occupational Exposure Limit) for respirable crystalline silica dust is 0,1 mg/m³ in the United Kingdom, measured as an 8 hour TWA (Time Weighted Average). For the equivalent limits in other countries, please consult a competent occupational hygienist or the local regulatory authority.

EXPOSURE CONTROLS:

Appropriate engineering controls

Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.

Skin protection

No specific requirement. For hands, see below. Appropriate protection (e.g. protective clothing, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin.

HAND PROTECTION:

Appropriate protection (e.g. gloves, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin. Wash hands at the end of each work session.

RESPIRATORY PROTECTION:

In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European or national legislation.

The use of half or full face masks with filters against particles of category 2 or 3 (FP2 - FP3) is recommended. See EN 143: 2000 - Respiratory protective devices. Particle filters.

ENVIRONMENTAL EXPOSURE CONTROLS:

Avoid wind dispersal.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

APPEARANCE:

Granular

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GRAIN SHAPE:

sub-angular

Color

red

ODOUR:

Odourless

Odour threshold

Not relevant

Melting point/freezing point

1710°C

RELATIVE DENSITY:2,65 g/cm³ 4/6Solubility(ies)Solubility in water

Negligible

Solubility in hydrofluoric acid

Yes

Other information

no other information

CHANGE OF STATUS:

approx. 150 °C decomposition of the synthetic resin film.

SECTION 10: STABILITY AND REACTIVITYReactivity

Inert, not reactive.

Chemical stability

Chemically stable

Possibility of hazardous reactions

No hazardous reactions.

CONDITIONS TO AVOID:

Not relevant

Incompatible materials

No particular incompatibility.

HAZARDOUS DECOMPOSITION PRODUCTS:

Not relevant

SECTION 11: TOXICOLOGICAL INFORMATIONInformation on toxicological effectsAcute toxicity

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

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory or skin sensitisation

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

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*Toxicity*

Not relevant

Persistence and degradability

Not relevant5/6

Bioaccumulative potential

Not relevant

Mobility in soil

Negligible

Results of PBT and vPvB assessment

Not relevant

Other adverse effects

No specific adverse effects known.

SECTION 13: DISPOSAL CONSIDERATIONS*Waste treatment methods**Waste from residues/unused products*

Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.

Packaging

Dust formation from residues in packaging should be avoided and suitable worker protection assured.

Store used packaging in enclosed receptacles.

Recycling and disposal of packaging should be carried out in compliance with local regulations.

The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company.

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SECTION 14: TRANSPORT INFORMATIONUN number

Not relevant

UN proper shipping name

Not relevant

Transport hazard class(es)

ADR: Not classified

IMDG: Not classified

ICAO/IATA: Not classified

RID: Not classified

Packing group

Not relevant

Environmental hazards

Not relevant

Special precautions for user

No special precautions.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

SECTION 15: REGULATORY INFORMATIONSafety, health and environmental regulations/legislation specific for the substance or mixtureChemical safety assessment

Exempted from REACH Registration in accordance with Annex V.7.

(*) = Due to new legal changes the material safety data sheet has completely been revised.