



SAFETY DATA SHEET

2015.05.28. Version

1. Substance/preparation and company identification

- 1.1 Product: **Rust Powder**
REACH registration number: Exempt
CAS number: 1332-37-2
EC number: 215-570-8
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses: D.I.Y. application
- 1.3 Details of the supplier of the safety data sheet
www.powertex.be / Powertex International Strombeeksesteenweg
205 1800 KONINGSLO-VILVOORDE - BELGIË T +3223106090 - F +3223106699

2. Hazard identification:

- 2.1 Classification of the substance or mixture
Classification (EC 1272/2008): Physical and chemical hazards: not classified
Human health: not classified
Environment: not classified
Classification (67/548/EEC): Not classified
The full text for all R-phrases and hazard statements are displayed in section 16.
- 2.2 Label elements
Label in accordance with (EC) No. 1272/2008: No pictogram required.
- 2.3 Other hazards
This product does not contain any PBT or vPvB substances.

3. Composition/information on ingredients:

- 3.1 Substances
Product / ingredient name: - Iron oxides.
Concentration: >90%
REACH registration number: Exempt
CAS number: 1332-37-2
EC number: 215-570-8
The full text for all R phrases and hazard statements are displayed in section 16.

4. First-aid measures:

- 4.1 Description of first aid measures
Inhalation: Move the exposed person to fresh air at once. Get medical



Ingestion:	attention if any discomfort continues. Rinse mouth thoroughly. Get medical attention if any discomfort continues.
Skin contact:	Wash skin with soap and water. Get medical attention if irritation persists after washing.
Eye contact:	Make sure to remove any contact lenses from the eyes before rinsing. Rinse eye with water immediately. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	No specific symptoms noted.
Ingestion:	No specific symptoms noted.
Skin contact:	No specific symptoms noted.
Eye contact:	No specific symptoms noted.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. Fire-fighting measures:

5.1 Extinguishing media This product is not flammable. Use fire extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture
Hazardous combustion products: None under normal conditions

5.3 Advice for firefighters
Special fire fighting procedures: No specific fire fighting procedures given

6. Accidental release measures:

6.1 Personal precautions: protective equipment and emergency procedures
Follow precautions for safe handling described in this safety data sheet

6.2 Environmental precautions: The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

6.3 Methods and material for containment and cleaning up:
Avoid dust formation. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Transfer to a container for disposal.

6.4 Reference to other sections For personal protection see section 8. For waste disposal see section 13.

7. Handling and storage:

7.1 Precautions for safe handling Avoid handling which leads to dust formation. Avoid inhalation of high concentrations of dust. Observe occupational exposure limits and minimise the risk of inhalation of dust.



7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

7.3 Specific end use(s) The identified uses for this product are detailed in section 1.2.

8. Exposure controls and personal protection:

8.1 Control parameters

Workplace exposure limit: Iron Oxide: 10 mg/m³ (TWA, 8Hrs)

8.2 Exposure controls

Protective equipment

Engineering measures: Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of inhalation of dust.

Respiratory equipment: No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Wear dust masks in dusty areas.

Hand protection: No specific hand protection noted, but gloves may still be advisable.

Eye protection: Wear dust resistant safety goggles where this is a danger of eye contact.

Other protection: Provide eyewash station.

Hygiene measures: Wash hands at the end of each work shift and before eating, smoking and using the toilet.

9. Physical and chemical properties:

9.1 Information on basic and physical and chemical properties

Appearance: Granular, powder, dust

Colour: Black

Odour: Odourless

Solubility: Insoluble in water

Melting point: 1400 – 1600°C

Relative density: 2-3g/cm³

9.2 Other information: Not relevant

10. Stability and reactivity:

10.1 Reactivity No specific reactivity hazards associated with this product.

10.2 Chemical stability Stable under normal temperature conditions.

10.3 Possibility of hazardous reactions Not relevant

10.4 Conditions to avoid No specific conditions are likely to result in a hazardous situation

10.5 Incompatible materials



Materials to avoid: No specific, or groups, of materials are likely to react to produce a hazardous situation.

10.6 Hazardous decomposition products None under normal circumstances

11. Toxicological information:

11.1 Information on toxicological effects

Other health effects: This substance has no evidence of carcinogenic properties.

Acute toxicity

Acute toxicity (Oral LD50): Not relevant

Acute toxicity (Dermal LD50): Not relevant

Acute toxicity (Inhalation LC50): Not relevant

Inhalation: Dust in high concentrations may irritate the respiratory system.

Ingestion: May cause discomfort if swallowed.

Skin contact: Powder may irritate skin.

Eye contact: Particles in the eyes may cause irritation and smarting.

12. Ecological information:

Ecotoxicity: Not regarded as dangerous for the environment.

12.1 Acute fish toxicity: Not considered toxic to fish.

12.2 Persistence and degradability

Degradability: The product is not readily biodegradable.

12.3 Bioaccumulative potential: The product is not bioaccumulating.

12.4 Mobility in soil: Not relevant, due to the form of the product.

12.5 Results of PBT and vPvB assessment: This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects: None known

13. Disposal considerations:

13.1 Waste treatment methods: Dispose of waste and residues in accordance with local authority requirements

14. Transport information:

Road transport notes: Not classified

Rail transport notes: Not classified

Sea transport notes: Not classified

Air transport notes: Not classified

14.1 UN Number: The product is not covered by international regulation on the transport of



dangerous goods (IMDG, IATA, ADR/RID).

14.2 UN proper shipping name: Not classified for transportation.

14.3 Transport and hazard class(es): Not classified for transportation.

14.4 Packing group: Not classified for transportation.

14.5 Environmental hazards

Environmentally hazardous substances / marine pollutant: no

14.6 Special precautions for user: Not classified for transportation.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable

15. Regulatory information:

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

Approved code of practice: Classification and labelling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.

Guidance notes: Workplace Exposure Limits EH40.

EU Legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulations (EC) No 1488/94 as well as

Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2 Chemical Safety Assessment: No chemical safety assessment has been carried out.

16. Other information:

The information contained in this data sheet reflects our current knowledge and experience. The safety data sheet describes our product in terms of safety requirements. The information in this Safety Data Sheet is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.