

1 Product and company identification

Trade name: WABCO 230

Used for: Brake pad

Manufacturer: Honeywell Bremsbelag GmbH
Glinder Weg 1
D-21509 Glinde
GERMANY

Informing department: HSE
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2 Hazards identification

Most important hazards

No health risks have so far been known in cases where this product has been handled and processed properly.

3 Composition / Information on the components

Chemical characterization:

Multi-component system containing organic binders (resins and rubbers).

chemical name	labelling	CAS	EINECS	conc.	R-phrases
antimony trisulfide	Xn	001345-04-6	215-713-4	5 - 10 %	20/22

4 First aid measures

After inhalation

During the mechanical processing of this product, small amounts of dust may be given off. A health risk caused by inhalation does not exist if our safety instructions are observed. Persons who have been exposed to excessive quantities of dust should immediately go outside for fresh air. They should seek medical attention if coughing or other symptoms develop.

After skin contact

Clean skin with soap and water. Remove contaminated clothing.

After eye contact

In case of eye irritation, flush eyes immediately with plenty of water.

After ingestion

not applicable

5 Fire fighting measures

Suitable extinguishing media:

water, CO₂, foam, dry powder

Not suitable extinguishing media:

no restrictions

Special hazards with regards to fire fighting measures:

not known

Specific methods of fire-fighting:

Protective equipment for fire fighting

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6 Accidental release measures

Personal precautions:	not applicable
Environmental precautions:	not applicable
Methods for cleaning up:	not applicable
Additional information:	see sub-paragraphs 8.3 and 8.4

7 Handling and storage

7.1 Handling

Precautions for safe handling Avoid formation of dust.

7.2 Storage

Storage conditions	Keep dry and cool.
Incompatible products	no restrictions

8 Exposure controls / Personal protection

8.1 Additional information about design of technical systems

8.2 Components with occupational exposure limits (in accordance with German regulations)

8.3 Personal protective equipment

Respiratory protection:
dustproofed mask, FFP2 (during the mechanical processing of this product)

Hand protection:
gloves (dustproofed)

Eye protection:
safety goggles (during the mechanical processing of this product)

Body protection:
dustproofed clothing (during the mechanical processing of this product)

8.4 Hygienic measures

Do not eat, drink or smoke during work. Wash hands frequently. Keep clothing clean. Sufficient ventilation during assembly and disassembly of brake pads. In case of insufficient ventilation, wear suitable respiratory equipment.

9 Physical and chemical properties

Physical state	not applicable
Colour	not applicable
Odour	not applicable
Change in physical state	
Melting point / - range	
Boiling point / - range	
Decomposition temp	>300 °C
Density	3.2 g/cm ³

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10 Stability and reactivity

Conditions to avoid: -
Materials to avoid: not applicable
Hazardous decomposition products: Carbon monoxide, phenols, hydrocarbons

11 Toxicological information

Acute toxicity: no data available
Local effects: no data available
Sensitization: no data available
Chronic toxicity or long term toxicity: no data available
Specific effects: no data available

12 Ecological information

Mobility: no data available
Persistence / degradability: no data available
Bio accumulation: no data available
Eco toxicity: no data available

13 Disposal considerations

Waste from residues: Land disposal on special sites according to local regulations.
Contaminated packaging: Land disposal on special sites according to local regulations.

14 Transport information

No dangerous good according to present rules.
Land (RID/ADR-class, DoT 49 CFR) -
Sea (IMDG code) -
Air (ICAO-TI / IATA-DGR) -
UN class -

15 Regulatory information**15.1 Labeling information according to EC-directives:**

This product is not hazardous in terms of national and international regulations/provisions.
R-Phrases: -
S-Phrases: -
EINECS listing: -

16 Other Information**First issued:** 26.06.2008**Data revised:**

These information are based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally contractual relationship.

List of relevant R-phrases (chapter 3)

R 20/22 Harmful by inhalation and if swallowed