

WIRO

bausysteme vertriebsgesellschaft m.b.h.
Safety data sheet

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1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance/preparation

Product name: **WIROBIT - VORANSTRICH**
Description: Primer

1.2 Use of the substance/preparation

Use: Primer for WIROBIT - Kautschukbitumen

1.3 Identification of the company

Company: WIRO Bausysteme Vertriebs GmbH
Seebrucker Str. 22, 83370 Roitham-Seeon
Telephone +49 8667 / 8768-70

1.4 Emergency number Telephone +49 8667 / 8768-70

2. Composition / Information on ingredients

Chemical characterisation

Solution of bitumen in hydrocarbon mixture

Ingredient	CAS-Number	EINECS-Number		Symbols	R-Phrases
Hydrocarbon mixture	64742-82-1	265-185-4	55 - 65 %	Xn, N	10, 51/53, 65

3. Hazard identification

Flammable. Harmful: May cause lung damage if swallowed.
Environment: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. First aid measures

Generally: Immediately remove clothes contaminated by product. Remove from exposure.
Inhalation: Remove from exposure. If feeling unwell obtain medical attention.
Skin contact: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible. Use skin cream. Obtain medical attention if irritation persists.
Eye contact: Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently.
Ingestion: Avoid vomiting. Obtain medical attention urgently.
Notices for the physician: Symptomatic treatment. Permanent or repeated exposition may cause dermatitis. Beware of aspiration if vomiting occurs.

5. Fire fighting measures

Suitable extinguishing media : Carbon dioxide, powder or foam
Unsuitable extinguishing media : Water jets
Special risks through the substance, the preparation or its eduts or arising gases: Toxic fumes
Special protective equipment : self-contained breathing apparatus.

6. Accidental release measures

Personal precautions:

Wear suitable protective clothing. Issue no smoking and no naked flames warnings.

Environmental precautions :

Prevent entry into drains, sewers and water courses.

Decontaminations procedures:

Soak up with inert nabsorbent or contain and remove by best available means.

Product name : WIROBIT - VORANSTRICH

7. Handling and storage

7.1 Handling:

Measures for safe handling: Keep containers closed and out of sunlight. Use only in well-ventilated areas.

Measures for fire and explosion protection: No smoking whilst using this product. Keep away from any sources of ignition.

7.2 Storage:

Hints for storing together with other materials: Store away from foodstuffs. Keep containers closed. Store in a cool place.

Do not store together with strong oxidizing agents.

8. Exposure controls and personal protection

Engineering control measures : Refer to 7

8.1 Occupational exposure limits :

Components with to be controlled limits regarding the working-place:

Ingredient	CAS-Number	EINECS-Number	Source
Hydrocarbon mixture	64742-82-1	265-185-4	55 - 65 %
			MAK 500 mg/m ³ 100 ppm
			TRGs 404 200ml/m ³

8.2 Restriction and control of exposure

Personal protective equipment:

Respiratory equipment : In case of insufficient ventilation wear suitable respiratory equipment.

Recommended filter unit for temporary application:

Combined filter type A 2 / P 3

Hand protection :

Use impervious protection gloves

Gloves material :

Nitrile rubber, neoprene, pvc

Eye protection :

Goggles with side protection

Body protection :

Suitable long-sleeve protective clothes

Protective and hygienic measures:

Do not eat, drink or smoke while using this product. Wash hands if working is finished. Use skin protection.

Restriction and control of environment exposure:

Prevent entry into drains, sewers and water courses. Keep containers closed.

9. Physical and chemical properties

9.1 General information

Physical state: liquid
Colour: black
Odour: aromatic like solvent

9.2 Important information regarding health protection, environmental conservation and safety

pH-Value at °C: not applicable
Boiling point / boiling range: > 150 °C
Flash point: 27 °C
Autoflammability: This product is not autoflammable
Ignition temperature: > 200 °C
Explosive properties: The product has no explosive properties, but it is possible to get dangerous vapour - air - mixtures.
Explosive limits: lower: 0,6 Vol.-% upper: 7 Vol.-%
Vapour pressure at 20 °C:
Density at 20 °C: ca. 0,85 g/cm³
Water solubility: Insoluble
Viscosity at 23 °C: > 15 s DIN ISO 2431

9.3 Additional information

Product name : WIROBIT - VORANSTRICH

10. Stability and reactivity

- 10.1 Conditions to avoid:** Any sources of ignition
- 10.2 Materials to avoid:** Strong oxidizing agents and acids
- 10.3 Hazardous decomposition products:** carbon monoxide, carbon dioxide in fire cases

11. Toxicological information**Acute toxicity:**

LD / LC50 – Values relevant for classification:

Component	CAS-Number	EINECS-Number	Kind	Value	Species
Hydrocarbon mixture	64742-82-1	265-185-4	LD.50 dermal	> 3000 mg/kg	rbt
			LD.50 oral	> 5000 mg/kg	rat

Health effects:

On skin: Irritation possible

On eye: Irritation possible

Sensitization: no sensitizing effect known.

Additional toxicological information: The product is, referring to the EC directive for hazard compositions, labelled with:
flammable harmful dangerous for environment

12. Ecological Information**12.1 Ecological toxicity:**

Toxic to aquatic organisms.

12.2 Mobility :

Mobile liquid. Insoluble in water. Contains volatile components.

12.3 Persistence and Decomposition

Expected to be biodegradable.

12.4 Potential biologic accumulation

Bioaccumulation possible.

12.5 Additional damaging effects

No data existing

13. Disposal considerations**Product:**

Disposal must be in accordance with national and local legislation. Classified as special waste. Dispose of through an authorised waste contractor to a licensed site.

Uncleaned packaging:Recommendation: Dispose in accordance with local and national legislation.

Product name : WIROBIT - VORANSTRICH

14. Transport information**ADR und GGVSE (international / national):**

Class:	3
Classification code:	F1
UN-Number:	1993
Packing group:	III
Kemler-Code:	30
Proper shipping name :	Flammable liquid, n.o.s 640 E (hydrocarbon mixture)
Note:	

IMDG / GGVSee:

Class:	3
UN - Number:	1993
Packing group:	III
EMS-Number:	3-07
MFAG:	

ICAO-TI und IATA-DGR:

Class:	3
UN/ID-Number:	1993
Packing group:	III

15. Regulatory information**Hazard label according to EC directive:**

		Flammable
	Xn	Harmful
	N	Dangerous for the environment
Named ingredients:	Toluene	
R-phrases:	R 10	Flammable
	R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R 65	Harmful: may cause lung damage if swallowed
	R 66	Repeated exposure may cause skin dryness or cracking
	R 67	Vapours may cause drowsiness and dizziness
S-phrases:	S 16	Keep away from sources of ignition – No smoking
	S 23	Do not breathe vapour
	S 29	Prevent entry into drains, sewers and water-courses
	S 51	Use only in well-ventilated areas
Special label for compositions :	none	
National directives:		
Technical instruction air (TA Luft):	organic materials at $m \geq 3$ kg/h	Concentration 0,15 g/m ³
Water-threatening class (WHG):	WGK II	

16. Other information

The information given in this safety data sheet corresponds to our present knowledge. No guarantee is given for flawlessness and completeness. The information given does not represent an assurance. The user must ensure himself that the information is right and complete for the respective use.

Explication to the risk-phrases in part 2 : R 10 – Flammable; R 51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment; R 65 - Harmful: may cause lung damage if swallowed

Department issuing data sheet:

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