



Trade name: Rigid PVC
Product code: Typ 4000 - 4999, 6000 - 6999, 8000 - 8900
and S70000 - S79999

Date: 02.01.2025

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1. Identification of substance/preparation and of the company

Trade name	Rigid PVC
Company name	West-Chemie GmbH & Co. KG Gerhard-Grün-Straße 1 D-35753 Greifenstein
Contact person	Florian Giersbach Telephone 0049-2779-919-141 Fax 0049-2779-919-100
Emergency information	Telephone 0049-2779-919-0
Use of substance/preparation	For production of plastic products like extrusion and injection moulding

2. Hazards identification

Labeling according to EC Directives	Not to apply
Explication of special hazards for human health and environment	No hazardous product as specified in Directives 67/548/EEC and 1999/45/EC

3. Composition/information of ingredients

Chemical characterisation	Rigid PVC compound Calcium/Zinc stabilized
Dangerous ingredients	None

4. First aid measures

General information	No special measures are necessary.
After inhalation of decomposition products	Take fresh air. In case of problems consult the doctor.
After skin contact	After skin contact through hot PVC melt use cold water. In case of problems consult the doctor.



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After swallowing

Wash out mouth with clean water.
Consult doctor if feeling unwell.

After eye contact

Rinse out with clean water.
Consult doctor if feeling unwell.

5. Fire-fighting measures

Suitable extinguishing media

Carbon dioxide (CO₂), water or sand

Extinguishing media which must not be used

None

Special risks arising from substance or preparation itself, combustion products resulting gases.

In case of fire the following flue gases can be generate.
Carbon monoxide (CO)
Carbon dioxid (CO₂)
Hydrochloric (HCL)

Special protective equipment for fire fighting

Do not stay in dangerous zone without suitable protecting clothing and self-contained breathing apparatus.

Further information

Fire-fighting water and residues of the fire has to be disposed in accordance with official state regulations.

6. Accidental release measures

Person-related precautionary measures

Avoid inhalation of dust. Wear personal protection clothes.

Environmental-protection measures

Use waterspray to bond the dust.
Prevent contamination of sewage and waterbodies.

Procedures for cleaning up

Collect mechanically and dispose

Further information

Slip hazard caused by buried pellets



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7. Handling and storage

Advice of safe handling	By thermal processing use aspirations of vapours and sufficient ventilation.
Advice of protection against fire and explosion	Measures to prevent electric charging.
Advice of clustering	Do not store it together with food and animal feed.
Further information	The storage rooms has to be dry at normal room temperatures.

8. Exposure controls and personal protection

Further information of technical equipment: Look at item 7

Substances with workplace are related monitoring limits.

CAS-No.	Interval	Name of item	[mg/m ³]	Comment
9002-86-2		Polyvinylchlorid	5	MAK

Further information In case of excessive heat degradation of PVC is possible.
Do not suck gaseous products of decomposition. As well as dust particles during mechanical treatment.

Respiratory protection Required when dusts are generated.

Hand protection Use gloves

Eye protection Wear dust-proofed glasses



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Skin protection	Not required
Industrial hygiene	Change contaminated clothing. Wash hands after working, do not eat, drink and smoke at the workplace

9. Physical and chemical properties

Form Solid pellets	Colour Depending on colouring	Odour Only slightly perceptible
Further information		
Melting point	> 100°C	
Flash point	> 190°C	
Ignition temperatures	> 300°C	
Density	> 1g/cm ³	
Bulk density	0,5-1,0 g/ml	
Solubility in water	Insoluble	

10. Stability and reactivity

Thermal decomposition	Temperatures >200°C can lead to a separation of HCL.
Hazardous decomposition products	Hydrochloric gas (HCL) in case of temperatures >200°C.



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Toxicological information

General information

Since a long term experience we have no information about dangerous impact. Every substances are bound in the matrix of the PVC pellets and biological unavailable.

12. Ecological information

General information

Depending on the insolubility in water a mechanical separation is possible.

13. Disposal considerations

Advice on disposal

Pellets and finished products can be recycled. Waste disposal according to the official state regulations.

Advice on packaging

Handle contaminated packaging in the same way as the pellets itself. Disposal in compliance with official state regulations.

14. Transport information

Land transport (ADR/RID)

Not a hazardous substance with respect to these transportation regulations.

15. Regulatory information

Advice on labelling

According to the EC Directives this preparation requires no special labelling.

Water contamination

Not water contaminating

16. Other information

Further information

This information is based on our current knowledge and experiences. It describes our product in regards to possible safety requirements, but does not constitute a promise of product characteristics and is not the base of a contractual relationship.