

1. Product / Company Name:

1.1. Identity of Product:

PVC Compound lead free

1.2. Identity of Producer/Supplier:

Premier Farnell
150 Armley Road
Leeds LS12 2QQ
Tel. : +44 (0) 870 129 8608

1.3. Emergency telephone number

+44 (0) 870 202530

2. Composition/Details of Ingredients

2.1. Chemical Characteristic

Compound of cylindrical shape manufactured on basis of polyvinyl chloride, plasticiser, filler, colour pigment and stabilizer. The product contains no lead stabilizer. Depending on the technological conditions for processing the plasticisers can be discharged vapourously. Plasticiser steam should be kept away from human beings using suitable filter installations.

3. Possible Hazards

Hazardous in the case of fire and through MAK-value overshoots which are possible during production process at high thermal loading.

4. First-Aid-Procedure

4.1. After Inhalation

In case of problems after inhalation of small particles fresh air and call a doctor.

4.2. After Skin Contact

No special treatment is necessary when skin gets in contact with the good.

4.3. After Swallowing

In case of large volumes call a doctor.

5. Measures to fight a fire

5.1. Suitable Fire-Extinguisher:

All sorts

5.2. Special Hazards through the good or the processing, combustion products or gases created:

Main hazards through hydrogen chloride (HCl) and carbon monoxide (CO) created.

5.3. Special protective clothing when fighting a fire

Use respiratory protective equipment that works independently from circulating air.

5.4. Distinctivenesses when fighting a fire

When cleaning rooms that are damaged by fire the comments of the Federal Health Agency (Bundesgesundheitsblatt 1/1990 S.32.) are to be considered.

Residue of the fire and contaminated water used to extinguish the fire should be disposed according to local authority regulations. Contaminated water used to extinguish fire should be collected separately and must not reach canalisation or drain water.

6. Measures in case of unintentional discharge

Process Of Cleaning/Assemble:
Assemble mechanically and dispose regularly.
(Refer to 13.)

7. Handling and storage

7.1. Handling

No special treatment necessary
Comments regarding Fire- and Explosion-Protection:
No special treatment is necessary to protect against fire or explosions.

7.2 Requirements on storage rooms and container

Store regularly, not in areas with high danger of fire.

8. Exposure limit and personal protective clothing

8.1. Additional comments regarding the design of the technical installation

Depending on the technological conditions and the combination of formulations plasticiser steam can be discharged during the process. In such cases the appropriate MAK-Values at the place of work are to be guaranteed by using suitable filter installations. (refer to 8.2.)

8.2. Coordinate substances with limiting values to be supervised related to places of work

PVC-Compounds for which this safety data sheet is valid contain various plasticisers.
For plasticisers DOP/DEHP (Di (2-ethylhexyl)phthalat (no concerning YM2-65 nf 7506) applies the classification, "unhealthy" according to "Gefahrstoffverordnung" (CAS-Nummer: 117-81-7 MAK-Value max. 10 mg/m³)
For other plasticisers no classification according to "Gefahrstoffverordnung" are known.
In individual cases the contact for inquiries (refer to 1.2) can comment on the plasticisers used in the relevant compounds.

8.3. General precautions and hygienic measures

No special treatment is necessary. The general precautions and hygienic measures are to be adhered.

Respiratory Protection : Not Necessary
Hand Protection : Not Necessary
Eye Protection : Not Necessary

9. Physical and chemical characteristics:

9.1. Aesthetics:

Shape : Solid, cylindric granulate
Colour : Depending on composition colourless, coloured or natural
Smell : Neutral

9.2. Relevant safety data:

Change of state		Method (67/548/EG)
Melting and softening point	Over 75°C (depending on type)	DIN 53460
Flash point	Not applicable	
Spontaneous ignition point	>320°C	
Specific Gravity:	> 1,1 g/m ³	DIN 53479
Solubility in water:	Not Soluble	
pH-Value:	Not Applicable	
Viscosity:	Not Applicable	

9.3 Further Comments:

Decomposition by heat : From 180°C starting decomposition (time varying); no decomposition if used according to its destined applications

10. Stability and reactivity

10.0. General

If stored and handled properly no hazardous reactions are known.

10.1. Hazardous Products Of Decomposition

If stored and handled properly no hazardous products of decompositions are known.

From 180°C starting decomposition; gradual decomposition and HCl-separation that accelerates strongly with rising temperature (from 200°C).

11. Comments about toxicology:

11.0. General:

The under 2.1 listed dangerous substances are an adhesive part of the PVC Compound and represent no danger to human beings when swallowed, inhaled or touched. Therefore special marking of the good with danger symbols is not necessary. When used in production there can be plasticiser steam that can be hazardous to health.

11.1. Acute Toxicity:

No data are known.

12. Comments about ecology:

Specific ecological data are not available.

“Wassergefährdungsklasse” Germany : WGK 0 (generally not hazardous in water) self assessment.

13. Comments about disposal

13.1. Product:

Disposal through re-usage.

Disposal of not re-usable residue according to local authority regulations.

14. Transport regulations

14.1 Land Transport ADR/GGVS and GGVS/GGVE:

Express Allowed
Post Germany Allowed

14.2. Inland Sea Transport ADN/GGVSea:

Comments : -

14.3. Shiptransport IMDG/GGVSea

ICAO/IATA-Class : no dangerous good

15. Regulations

EC-Directive 88/379/EWG

According to the data available to us the product is no dangerous production in the meaning of the EC-Directive mentioned above.

16. Other comments

The comments made in this safety sheet describe the safety requirements of the products only and are based on our knowledge at the present day. The comments do not represent an assurance of characteristics of the products described. Existing law and regulations are to be considered by the buyer of our products on their own responsibility. We reserve the right to alteration.

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