# EU-Safety Data Sheet

(Regulation ( EG ) Nr.1907/2006)

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|---|---|
| Updated: | 10.10.2012 |
| Trade Name: | **PENTAMID A GV35 H1 RC schwarz** |
| Product-Number: | **6619.034** |

## 1. Product and company details

Trade name: PENTAMID A GV35 H1 RC schwarz

Manufacturer:
Pentac Polymer GmbH
Otto-Hahn-Straße 12
64823 Groß-Umstadt, Deutschland
Tel.: (+49) 6078 9323-0
Fax: (+49) 6078 9323-99

## 2. Hazards Identification

Cold material is of low hazard, however hot material may cause will cause thermal burns. Inhalation: Low hazard for usual handling. Higher concentrations of fumes may cause head-aches, eye and skin irritation. Use good ventilation at work space and move to fresh air in case of heavy fumes or fire.

Risks: According to European directive no declaration.

## 3. Composition / Data on components

Chemical characterisation: Normal viscosity, 35% glass fiber reinforced Polyamid 66, Heat stabilized, Hot oil resistant, ReCompound
Nucleating-, lubricating- and demolding agents

Potential hazards: none to declare

## 4. First aid measures

General information: First aid helpers to protect themselves first.

After skin contact: Instantly wash with water and soap and remove any clothing soiled or burned by the product.

After eye contact: Rinse opened eye for several minutes using running water.

After swallowing: Drink plenty of water. Consult medical help in case of symptoms.

After inhalation: Supply fesh air, consult medical help in case of symptoms.

## 5. Fire fighting measures

Suitable extinguishing agents: CO2, extinguishing powder or water

Additional information: Remove all sources of ignitation. Tackle fire with equipment specified below. Formation of toxic gases is possible in cases of fire. Put on breathing apparatus. Treat all remaining extinguishing agents according to the local regulations.

## 6. Accidental release measures

Avoid spilled product, may cause slipping surfaces. Dispose of any product according to local regulations. Do not allow product to enter drainage system, surface or ground water.

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## 7. Handling and storage

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|---|---|
| Handling: | Do not overheat material to avoid formation of potential fumes. |
| Work place: | Ensure good ventilation / exhaustion at work place. |
| Storage: | Dry and cool storage, protect from humidity, water, heat and direct sunlight. |

## 8. Exposure controls and personal protections

Additional information about use, design and handling system:
refer to chapter 7.
Components with limit values requiring monitoring at workplace:
none contained in product.

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| Personal protective equipment: | If breathable dust and/or toxic and corresive gases appear, use personal breathing equipment. |
| Protection of hands: | Not necessary under usual circumstances, use protective glove when handling hot material or machine parts. |
| Eye protection: | By appropriate handling not necessary. |
| Body protection: | none required |

## 9. Physical and chemical properties

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|---|---|
| Form: | Pellet |
| Color: | differs according to product coloring |
| Odour: | none characteristic |

**Change in condition**

| | |
|---|---|
| Melting point / melting range: | 260 °C |
| Auto ignition temperature: | >400°C |
| Flame propagation components: | none |
| Density (g/cm³): | 1,41 |
| Apparent density: | ca. 800 g/cm³ |
| Solubility in water: | not soluble |
| Solubility in other liquids: | not applicable |
| pH-Value: | not applicable |

## 10. Stability and reactivity

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| Conditions to be avoided: | Do not overheat product to avoid thermal decomposition. Thermal decomposition may start at app. 300°C |
| Dangerous products of decomposition: | Combustion fumes may contain monomeres, carbondioxyde, carbonmonooxyde, Cyanic acid and other toxic gases |

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## 11. Toxicological information

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us. The material is not subject to a classification according to the EC list.

Acute toxicity: --

## 12. Ecological information

Persistence and degradability: No information is availabel on this preparation.

WGK: 0 ( generally not hazardous for aquatic organism ).

Ecotoxical effects: Based on the composition of the product, no disperse distribution in the environment is possible. Negative ecological effects are not expected according to our knowledge and experience.

## 13. Disposal considerations

Product: Material is recyclable. Waste from residues/ unused products can also be used in land fill. Thermal / enegetic re-use may be done in accordance with local and national regulations in high temperature incinerators fitted with acid gas scrubbing systems.

Waste key-No. for the unused product: 57111 (Deutschland)

Contaminated packaging: In accordance with local and national regulations.

## 14. Transport information

Not classified as hazardous product according to the transport regulations.

CAS-Number: 32 131 - 17 - 2

## 15. Regulatory information

Designation according to EC guidelines: The material is not subject to classification according to the EC list 90/492/EEC or other information sources available to us.

National regulations: The product is not subject to identification regulations as hazardous material.

## 16. Other infomation

PENTAMID A GV35 H1 RC schwarz fulfils the following EU-guidelines:
- 2000/53/EG 18.09.00 end of life vehicles with avoidance commandments of dangerous substances 67/548/EWG and the ban of heavy metals Cd, Cr(VI), Hg and Pb
- 2002/525/EG of 27.02.02 (exceptions of heavy metal use in end of life vehicles guideline)
- 2003/138/EG of 27.02.03 (marking of articles following the end of life of vehicles guideline)
- 2000/53/EG about end of life vehicles (changes annex II dated June 2002 with decision 2002/525/EG
- 2002/95/EG about restrictions of the use of defined dangerous substances (RoHS)
- 2002/96/EG about electric- and electronic end of life devices (WEEE).

PENTAMID A GV35 H1 RC schwarz does not contain any substances, which are listed in the guidelines 1999/137/EC, 91/689/EEC, EU-D 2000/53/EEC, EU-D 2002/61/EC, EU-D 2003/11/EEC, EU-R 594/91/EEC, EU-D 2003/53/EC, EU-D 67/548/EEC, EU-D 76/769/EEC, EU-D 79/663/EEC, EU-D 83/264/EEC, EU-D 98/8/EC.

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