



POLIMID B 30 GFB BLACK

Issued on 05/05/2011 - Rev. n. 1 of 05/05/2011

1 / 5

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

1.1. Product identifier

Trade name : PA 6 30% GFB BLACK
Commercial code : POLIMID B 30 GFB BLACK

1.2. Relevant identified uses of the substance or mixture and uses advised against

Consumer uses : Technopolymer for industrial
Uses advised : All uses other than those provided

1.3. Details of the supplier of the safety data sheet

POLIBLEND S.p.A.
Via Piccinelli, 12 - 22076 MOZZATE (CO)
tel. +39 0331 833690 - fax +39 0331 833295
sito web: www.poliblend.it

e-mail competent person: poliblend@poliblend.it

1.4. Emergency telephone number

+39 0331 833690 (from 09.00 to 18.00, Monday to Friday)

2. Hazards identification

2.1. Classification of the substance or mixture

Classification rules in Directive 1999/45/EC

Classification: Not dangerous

Nature of special risk attributed: None in particular

2.2. Label elements

Symbols: No hazard symbol expected

Nature of special risks attributed: The product does not pose special risks

Safety advice: No safety advice expected

2.3. Other hazards

Smoke and fumes at high processing temperatures may cause nausea and headaches. The presence of granules on the floor may cause slipping. Apply best practices for cleaning to prevent the inclusion of material on the floors of work areas.

3. Composition/information on ingredients

3.1. Substances

No substance to report.

4. First aid measures

4.1. Description of first aid measures

Inhalation:

People who breathe the fumes were produced by exposure of the material at high temperatures should be taken outdoors. If irritation to the respiratory system or mucous membranes, in the event of illness or prolonged exposure to consult a doctor.

Skin (melted product):

As with all materials that are melted in contact with the skin must be rapidly cooled by cold water.

Eyes (pure product):

Wash immediately with clean water and abundant for at least 10 minutes.

Ingestion:

Not provide opportunities for accidental ingestion of solid polymer material, in the event to drink water.

4.2. Most important symptoms and effects, both acute and delayed

We do not know any particular reaction to the product of the human body.

4.3. Indication of any immediate medical attention and special treatment needed

In the case of burns caused by contact with molten material occurs, seek immediate medical care.
If swallowed, seek medical attention.



POLIMID B 30 GFB BLACK

Issued on 05/05/2011 - Rev. n. 1 of 05/05/2011

2 / 5

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Water spray, foam, dry chemical and CO₂ as the burning materials.

Unsuitable extinguishing media:
None

5.2. Special hazards arising from the substance or mixture

During the combustion fumes are formed potentially harmful to health.

5.3. Advice for firefighters

Use protection for the respiratory system. Safety helmet and full protective clothing. The water spray can be used to protect the people involved in extinction.
We recommend the use of breathing apparatus, especially if you work in a closed, poorly ventilated and in any case, if you use halogenated extinguishing agents (Halon 1211 fluobrene, Solkane 123, naphthalene, etc...)
In the event the fire had involved large amounts of material, it is necessary to dissipate the extra heat retained within the material.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:
Removal of persons not involved in recovery operations.

For emergency responders:
There are no special measures.

6.2. Environmental precautions

Discard the residue in compliance with the regulations.

6.3. Methods and material for containment and cleaning up

Recover the product for reuse, if possible, or for elimination.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information.

7. Handling and storage

7.1. Precautions for safe handling

For the handling of the material itself does not require special precautions beyond normal good working practices. Special precautions must be followed during the transformation in a well ventilated. At work do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry and away from any heat source level by the exposure to direct sunlight.

7.3. Specific end use(s)

Industrial uses:
No specific precautions beyond the normal hygiene practices provided to the health and safety at work.

8. Exposure controls/personal protection

8.1. Control parameters

Particles PNOC (Particulates Not Otherwise Classified)

The ACGIH considers that although biologically inert or poorly soluble or insoluble particles may exert adverse effects and recommends that air concentrations be kept below 3 mg/m³ in the case of respirable particles and 10 mg/m³ in the case of inhalable ones, until a specific TLV is set for a particular substance.



POLIMID B 30 GFB BLACK

Issued on 05/05/2011 - Rev. n. 1 of 05/05/2011

3 / 5

8.2. Exposure controls

Individual protection measures, such as personal protective equipment:

- a) Eye/face protection:
Use goggles to EN 166.
- b) Skin protection:
 - i) Hand protection:
Abrasion-resistant protective gloves when handling material at room temperature while in case of possible contact with molten material, use gloves resistant to high temperatures.
 - ii) Other:
Wear normal work clothes, preferably with long sleeves.
- c) Respiratory protection:
Not needed for normal use. In the presence of dust, use protective equipment following the provisions of the recommendations of the UNI EN 529:2006.
- d) Thermal hazards:
No hazards to be reported for the material at room temperature.

Environmental exposure controls:
Minimize release to the environment

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value
Appearance	Granular solid
Colour	Black
Odour	Odorless
Density	> 1,00 g/cm ³
Melting point	222°C
Solubility in water	Insoluble
Evaporation rate	Not relevant
Vapour pressure	Not relevant
Partition coefficient: n-octanol/water	Not relevant
Auto-ignition temperature	> 400°C
Decomposition temperature	> 350°C

9.2. Other information

No data available

10. Stability and reactivity

10.1. Reactivity

No risk of reactivity

10.2. Chemical stability

Stable under normal conditions of use

10.3. Possibility of hazardous reactions

There are no hazardous reactions.

10.4. Conditions to avoid

Exposure to temperatures above 300 ° C

10.5. Incompatible materials

No material for normal conditions of use.

10.6. Hazardous decomposition products

During the combustion fumes may be potentially harmful to health.



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Issued on 05/05/2011 - Rev. n. 1 of 05/05/2011

4 / 5

11. Toxicological information

11.1. Information on toxicological effects

Ingestion:

The product ingested can cause digestive problems.

Inhalation:

Prolonged exposure to high concentrations of vapors from the decomposition of the product may cause headaches and / or respiratory irritation. Inhalation of dust causes respiratory irritation.

Skin contact:

The product has no potential irritants.

Eyes contact:

Accidental contact of product with eyes may cause irritation by mechanical action of the granules.

12. Ecological information

12.1. Toxicity

Although the product is not considered toxic to the environment, however, minimize the release into the environment.

12.2. Persistence and degradability

This product, according to our current experience, inert and non-degradable.

12.3. Bioaccumulative potential

Depending on the consistency and the water insolubility of the product, it is unlikely bioavailability.

12.4. Mobility in soil

Rating not scientifically justified.

12.5. Results of PBT and vPvB assessment

There is no report on chemical safety.

12.6. Other adverse effects

No adverse effects reported.

13. Disposal considerations

13.1. Waste treatment methods

Any remaining product should be disposed of according to regulations by applying to authorized companies. Recover if possible. Operate according to local or national.

14. Transport information

14.1. UN number

Not within the scope of the EU Directive 96/86/EC and implemented by the Italian legislation concerning the transport of dangerous goods by road (ADR).

14.2. UN proper shipping name

None

14.3. Transport hazard class(es)

None

14.4. Packing group

None

14.5. Environmental hazards

None

14.6. Special precautions for user

None

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available



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Issued on 05/05/2011 - Rev. n. 1 of 05/05/2011

5 / 5

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

15.2. Chemical safety assessment

Chemical safety assessment is not provided

16. Other information

16.1. Other information

Description of the risk phrases set out in paragraph 3
Not applicable

Description of the hazard set out in paragraph 3
Not applicable

Classification made on the basis of data from all components of the mixture

REFERENCES

ACGIH - American Conference of Governmental Industrial Hygienists
ECB - European Chemicals Bureau
IARC - International Agency for Research on Cancer
IPCS - International Programme on Chemical Safety (Cards)
NIOSH - Registry of toxic effects of chemical substances (1983)
OSHA - European Agency for Safety and Health at Work
PHATOX - Pharmacological and Toxicological Data and Information Network

This safety data sheet completely replaces all previous versions.

This Safety Data Sheet is based upon data considered to be accurate as at the time of its preparation. Despite our efforts, it may not be up to date or applicable to the circumstances of any particular case.

We are not responsible for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or from hazards inherent in the nature of the product.
