

**MATERIAL SAFETY DATA SHEET**

in accordance with CE directive N° 1907/2006 (REACH)

Release: February 21, 2011 – version 1  
Trade name: Grafitack GEF series – Colour references GEF01, GEF05, GEF35, GEF37, GEF38, GEF40, GEF42, GEF44, GEF46, GEF48, GEF49, GEF50, GEF52, GEF54, GEF63, GEF66, GEF73, GEF76, GEF77, GEF80 and GEF90  
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**1. PRODUCT AND COMPANY IDENTIFICATION**

Product identification: Grafitack GEF series  
Colour references : GEF01, GEF05, GEF35, GEF37, GEF38, GEF40, GEF42, GEF44, GEF46, GEF48, GEF49, GEF50, GEF52, GEF54, GEF63, GEF66, GEF73, GEF76, GEF77, GEF80, GEF90  
Use: Self adhesive coloured polyolefine film (matt & glossy) with transparent adhesive for sign making purposes  
Company identification: Grafityp Selfadhesive Products NV  
Centrum-Zuid 1539  
3530 Houthalen  
BELGIUM  
Tel.: 0032-11-600850  
Fax: 0032-11-526232  
E-mail: [sales@grafityp.com](mailto:sales@grafityp.com)  
http: [www.grafityp.com](http://www.grafityp.com)

**2. HAZARDS IDENTIFICATION**

This product is not classified as hazardous in accordance with the EU directive 1999/45/EG.

Physical and chemical hazardousness : no specific hazards known. Thermal decomposition may produce irritating smoke. Decomposed products see chapter 10.

In accordance with GHS classification criteria, the product does not require any special labeling or does not need any special classification, in conformity with the EC regulation number 1272/2008 with regard to the classification, labeling and packing of substances or mixtures.

**3. COMPOSITION, INFORMATION ON INGREDIENTS**

Chemical nature of the preparation : preparation on the basis of Polyolefine presence of additives

This product holds no substances that are mentioned in the candidate list according to art. 59 of the REACH regulation EC 1907/2006.

If the product contains any hazardous components, the complete text of the danger symbols and R-statements can be found in chapter 16.

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### 4. FIRST AID MEASURES

Eye contact:	Rinse with water for at least 15 minutes. In case of irritation, contact a doctor.
Skin contact:	Rinse with water. In case of irritation, contact a doctor.
Inhalation (smoke):	Bring into fresh air. In case of continued irritation, contact doctor.
Ingestion:	Not probable. In case of irritation, contact a doctor.

### 5. FIRE FIGHTING MEASURES

Fire extinguisher:	wash splash, dry-chemical, carbonic acid gas, bubble, etc...
Fire extinguishing method:	with fire extinguishing agents, spray from wind head.
Protection:	must wear protection (breathing mask, anti-heat fire wear)
Specific hazardousness:	with addition of oxygen – carbon dioxide and water vapour ; with lack of oxygen – mainly carbon monoxide, soot and the following crack products : aldehyde, ketone, hydrocarbon and volatile fatty acids.

### 6. SPILLAGE / ACCIDENTAL RELEASE MEASURES

For human being:	not applicable (solid product)
For environment:	not applicable (solid product)
How to recover:	not applicable (solid product)

### 7. HANDLING AND STORAGE

Handling (counter measures):	avoid all fire around the handling area, watch out not to cause any electrostatic fire sparks. do not put it directly into the mouth. be careful with static electricity by rubbing. try to handle the product under normal temperature as high temperatures might cause shrinkage or deterioration of shape and low temperatures cause hardening or breakage of the material. make sure the material is well-secured during
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Storage (counter measures):	transportation and storage, so it does not fall or get damaged. always store in the original packing and with the original protective end caps (preferably vertical) at a temperature between 10 and 20°C and a relative humidity of 50 %. Under these conditions the product can be stored for a period of 2 years. Avoid direct sunshine, wet conditions, drastic temperature changes and fire sources.
Packing material:	paper, PE, etc...

**8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

Control of density:	not applicable
Allowed density:	not applicable
Protection tool:	not applicable. In case of fire, use breathing protection mask, protection glasses, protection gloves, protection wear.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical condition:	solid
Colour:	diverse
Specific gravity:	1.4
Dissolution by water:	not applicable
Shape:	shaped in sheet
Smell:	almost none
Melting point:	155 – 165°C
Ignition temperature:	> 350°C
Density:	0.89 – 0.91 g/cm <sup>3</sup> at 23°C

**10. STABILITY & REACTIVITY**

Stability:	stable under normal handling
Reaction:	no data
Exposure to heat:	with addition of oxygen – carbon dioxide and water vapour ; with lack of oxygen – mainly carbon monoxide, soot and the following crack products : aldehyde, ketone, hydrocarbon and volatile fatty acids.

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**11. TOXICOLOGICAL INFORMATION**

Acute poison:	not applicable
Stimulus nature:	not applicable

**12. ECOLOGICAL INFORMATION**

No hazardous effects to the environment known (solid product).
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**13. DISPOSAL CONSIDERATIONS**

Burning process : with addition of oxygen – carbon dioxide and water vapour ; with lack of oxygen – mainly carbon monoxide, soot and the following crack products : aldehyde, ketone, hydrocarbon and volatile fatty acids. Use an equipment with an adequate gas disposal system when burning the material. Follow the rules that apply in your country when burying the material. The material can be destroyed by a licensed destroyer of industrial garbage or by a local destruction organization.
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**14. TRANSPORT INFORMATION**

No special measures need to be taken for transporting the product.
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**15. REGULATORY INFORMATION**

Local laws with regard to the treatment of destroyed plastics.
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**16. OTHER INFORMATION**

Limitation of use:	none
History:	Released on February 21, 2010 Earlier releases: none Version: 1

The content of this material safety data sheet is based on the material and information available. We do not guarantee for any physical or chemical nature, nor for any hazardousness. Handling notes are based on normal handling. In special cases, please take counter measures.

Material safety data sheet in conformity with the EC Regulations nr. 1907/2006 of the European Parliament and the Council of 18th December 2006 with regard to the registration, evaluation, authorization and limitation of chemical substances (REACH)