

**MATERIAL SAFETY DATA SHEET according to Regulation (EU) No. 1907/2006*****PA66 G20 UF natural.***Version Number 1.0  
Revision Date 13.06.2007Page 1 of 6  
Print Date 13.6.2007**1. PRODUCT AND COMPANY IDENTIFICATION****POLYONE CORPORATION****2 Melville Wilson street, 5330 Assesse, Belgium**Telephone : Product Stewardship +32 (0) 83 660 353 (Office hours only)  
Emergency Phone Number : Product Stewardship +32 (0) 83 660 353 (Office hours only)  
E-mail address : reach@polyone.comProduct name : PA66 G20 UF natural.  
Product code : EM10003296BI  
Chemical Name : Preparation  
CAS-No. : Preparation  
Product Use : Injection and extrusion of plastic parts**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure.

**POTENTIAL HEALTH EFFECTS****Classification of the Preparation:** :  
:  
: The product does not need to be labelled in accordance with EC directives or respective national laws. Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.**Routes of Exposure:** : Inhalation, Ingestion, Skin contact**Acute exposure**Inhalation : Particulates, like other inert materials can be mechanically irritating.  
Ingestion : May be harmful if swallowed.  
Eyes : Particulates, like other inert materials can be mechanically irritating.  
Skin : Experience shows no unusual dermatitis hazard from routine handling.**Chronic exposure** : Refer to Section 11 for Toxicological Information.**Medical Conditions** : None known.**Aggravated by Exposure:****3. COMPOSITION/INFORMATION ON INGREDIENTS**

**MATERIAL SAFETY DATA SHEET according to Regulation (EU) No. 1907/2006**
***PA66 G20 UF natural.***

Version Number 1.0

Page 2 of 6

Revision Date 13.06.2007

Print Date 13.6.2007

There are no known hazardous components above regulatory thresholds in this product.

**4. FIRST AID MEASURES**

- |            |   |   |
|------------|---|---|
| Inhalation | : | Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. When symptoms persist or in all cases of doubt seek medical advice. |
| Ingestion  | : | Do not induce vomiting without medical advice. When symptoms persist or in all cases of doubt seek medical advice.  |
| Eyes       | : | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, seek medical attention.                    |
| Skin       | : | Wash off with soap and plenty of water. If skin irritation persists seek medical attention.   |

**5. FIRE-FIGHTING MEASURES**

- |   |   |  |
|---|---|--|
| Flash point   | : | Not applicable   |
| Flammable Limits  |   |  |
| Upper explosion limit   | : | Not applicable   |
| Lower explosion limit   | : | Not applicable   |
| Autoignition temperature  | : | Not applicable   |
| Suitable extinguishing media  | : | Carbon dioxide blanket, Water spray, Dry powder, Foam  |
| Extinguishing media not to be used  | : | none   |
| Special Fire Fighting Procedures  | : | Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.       |
| Special exposure hazard arising from combustion products, resulting gases, etc. | : | Carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), oxides of nitrogen (NO <sub>x</sub> ), other hazardous materials, and smoke are all possible. |

**6. ACCIDENTAL RELEASE MEASURES**

- |                           |   |  |
|---------------------------|---|--|
| Personal precautions      | : | Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.                       |
| Environmental precautions | : | Should not be released into the environment. The product should not be allowed to enter drains, water courses or the soil. |

**MATERIAL SAFETY DATA SHEET according to Regulation (EU) No. 1907/2006**
***PA66 G20 UF natural.***

Version Number 1.0

Page 3 of 6

Revision Date 13.06.2007

Print Date 13.6.2007

Methods for cleaning up : Clean up promptly by sweeping or vacuum. Package all material in plastic, cardboard or metal containers for disposal. Refer to Section 13 of this MSDS for proper disposal methods.

**7. HANDLING AND STORAGE**

Handling : Take measures to prevent the build up of electrostatic charge. Heat only in areas with appropriate exhaust ventilation.

Storage : Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep in a dry, cool place.

Specific use(s) : Not determined

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Respiratory protection : No personal respiratory protective equipment normally required.

Eye/Face Protection : Safety glasses with side-shields

Hand protection : Protective gloves. Refer to equipment supplier to ensure protection.

Skin and body protection : Long sleeved clothing

Additional Protective Measures : Safety shoes

General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Engineering measures : Heat only in areas with appropriate exhaust ventilation. Provide appropriate exhaust ventilation at machinery.

Environmental exposure controls : Not determined

Exposure limit(s)

This material does not contain any hazardous substances as per regulatory requirements.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	: Solid	Evaporation rate	: Not applicable
Appearance	: pellets, Slabs	Specific Gravity	: Not determined
Color	: NO PIGMENT	Bulk density	: Not established
Odour	: Very faint	Vapour pressure	: Not applicable
Melting point/range	: Not determined	Vapour density	: Not applicable
Boiling Point:	: Not applicable	pH	: Not applicable
Water solubility	: Insoluble	Partition coefficient:	No data available

**MATERIAL SAFETY DATA SHEET according to Regulation (EU) No. 1907/2006**
***PA66 G20 UF natural.***

Version Number 1.0

Page 4 of 6

Revision Date 13.06.2007

Print Date 13.6.2007

Fat solubility	: Insoluble	n-octanol/water	
Oxidizing properties	: Not applicable	Viscosity	No data available

**10. STABILITY AND REACTIVITY**

Stability	: Stable.
Hazardous Polymerization	: Will not occur.
Conditions to avoid	: To avoid thermal decomposition, do not overheat.
Incompatible Materials	: Strong acids, oxidizing and reducing agents
Hazardous decomposition products	: Carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), oxides of nitrogen (NO <sub>x</sub> ), other hazardous materials, and smoke are all possible.

**11. TOXICOLOGICAL INFORMATION**
Carcinogenicity, Mutagenicity and Toxicity to Reproduction

Not applicable

**12. ECOLOGICAL INFORMATION**

Persistence and degradability	: Not readily biodegradable.
Mobility	: Chemicals are not readily available as they are bound within the polymer matrix.
Environmental Toxicity	: Chemicals are not readily available as they are bound within the polymer matrix.
Bioaccumulation Potential	: Chemicals are not readily available as they are bound within the polymer matrix.
Additional advice	: Not applicable

**13. DISPOSAL CONSIDERATIONS**

Product	: Like most thermoplastic plastics the product can be recycled. Where possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.
Contaminated packaging	: Recycling is preferred when possible. The generator of waste

**MATERIAL SAFETY DATA SHEET according to Regulation (EU) No. 1907/2006*****PA66 G20 UF natural.***

Version Number 1.0

Page 5 of 6

Revision Date 13.06.2007

Print Date 13.6.2007

material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

**14. TRANSPORT INFORMATION**

ADR (road)	:	Refer to specific regulation.
RID (rail)	:	Refer to specific regulation.
ADN (inland waterways)	:	Refer to specific regulation.
ICAO/IATA (air)	:	Refer to specific regulation.
IMO / IMDG (maritime)	:	Refer to specific regulation.

**15. REGULATORY INFORMATION**

The product does not need to be labelled in accordance with EC directives or respective national laws. Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

## National Inventories:

Europe EINECS	:	Listed
Australia AICS	:	Not determined
Canada DSL:	:	Not determined
China IECS	:	Not determined
Japan ENCS	:	Not determined
Korea KECI	:	Not determined
Philippines PICCS	:	Not determined
United States TSCA:	:	Listed

**16. OTHER INFORMATION****Text of R-phrases referred to in section 2**

**MATERIAL SAFETY DATA SHEET according to Regulation (EU) No. 1907/2006**

***PA66 G20 UF natural.***

Version Number 1.0

Page 6 of 6

Revision Date 13.06.2007

Print Date 13.6.2007

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.