

MATERIAL SAFETY DATA SHEET according to Regulation (EU) No. 1907/2006**PA66 G20 H 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 H UF natural.
Product code : EM10004572BI
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:** :
: 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**

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

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

Version Number 1.0

Page 2 of 6

Revision Date 13.06.2007

Print Date 13.6.2007

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 ₂), carbon monoxide (CO), oxides of nitrogen (NO _x), 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 H 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: n-octanol/water	: No data available

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

Version Number 1.0

Page 4 of 6

Revision Date 13.06.2007

Print Date 13.6.2007

Fat solubility	: Insoluble	Viscosity	No data available
Oxidizing properties	: Not applicable		

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 ₂), carbon monoxide (CO), oxides of nitrogen (NO _x), 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 has the responsibility for proper waste classification,

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

Version Number 1.0

Page 5 of 6

Revision Date 13.06.2007

Print Date 13.6.2007

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

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.
Contains Miscellaneous Irritant Preparation May produce an allergic reaction.

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:	:	Not determined

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 H UF natural.

Version Number 1.0

Page 6 of 6

Revision Date 13.06.2007

Print Date 13.6.2007

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