

MATERIAL SAFETY DATA SHEET AS PER DIRECTIVE 2001/58/EC
FDM 65-WT-97 WT PET MINI BEADS MSTRBCH

Version Number 1.3
Revision Date 16.02.2006

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Print Date 5.6.2011

1. PRODUCT AND COMPANY IDENTIFICATION
POLYONE CORPORATION

2 Melville Wilson street, 5330 Assesse, Belgium

Telephone : Product Stewardship +32 (0) 83 660 353

Emergency Phone Number : Product Stewardship +32 (0) 83 660 353

Product name : FDM 65-WT-97 WT PET MINI BEADS MSTRBCH

Product code : CC10002498BG

Chemical Name : Preparation

CAS-No. : Preparation

Product Use : Colorant and/or additive for plastic

2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

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

3. 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 2001/59/EC or 1999/45/EC. The product does not need to be labelled in accordance with EC directives.

Routes of Exposure: : Inhalation, Ingestion, Skin contact

Acute exposure

Inhalation : Resin particles, like other inert materials, can be mechanically irritating.
Ingestion : May be harmful if swallowed.
Eyes : Resin particles, like other inert materials, are mechanically irritating to eyes.
Skin : Experience shows no unusual dermatitis hazard from routine handling.

Chronic exposure : Refer to Section 11 for Toxicological Information.

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Medical Conditions : None known.
Aggravated by Exposure:

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 (CO₂), 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.

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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	: Powder or small pellets	Specific Gravity:	: Not determined
Color	: WHITE	Bulk density	: Not established
Odor	: Very faint	Vapor 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

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Fat solubility	: Insoluble	Viscosity	Not applicable
Oxidizing properties	: Not applicable		

10. STABILITY AND REACTIVITY

Stability	: Stable.
Hazardous Polymerization	: Will not occur.
Conditions to avoid	: Keep away from oxidizing agents and open flame. To avoid thermal decomposition, do not overheat.
Incompatible Materials	: Incompatible with strong acids and oxidizing 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	: No data available

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

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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

Not a hazardous substance or preparation according to EC-directives 2001/59/EC or 1999/45/EC. The product does not need to be labelled in accordance with EC directives.

National Inventories:

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

16. OTHER INFORMATION

Text of R-phrases referred to in section 2

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