

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006**ECCOH FR 120**Version Number 1.3
Revision Date 23.04.2013Page 1 of 7
Print Date 19.8.2014**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product name : ECCOH FR 120
Product code : EM00005434OC
Chemical Name : Preparation
CAS-No. : Preparation
REACH Registration Number : Not applicable (mixture)

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

Product Use : Injection and extrusion of plastic parts
For the detailed identified uses of the product see appendix of the safety data sheet if applicable.

1.3 Details of the supplier of the safety data sheet**POLYONE CORPORATION****2 Melville Wilson street, 5330 Assesse, Belgium**

Telephone : Product Stewardship +32 (0) 83 660 244 (08:00 AM - 4:30 PM GMT+1)
E-mail address : reach@polyone.com

1.4 Emergency telephone number

Emergency Phone Number : Product Stewardship +32 (0) 83 660 244 (08:00 AM - 4:30 PM GMT+1)

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**2.1 Classification of the substance or mixture according to directive 1999/45/EC**

Classification of the Preparation :
: This product is not classified as hazardous according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

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

2.3 Other hazards**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.

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006**ECCOH FR 120**Version Number 1.3
Revision Date 23.04.2013Page 2 of 7
Print Date 19.8.2014**PBT and vPvB assessment**

According to Annex XIII of Regulation (EC) No.1907/2006: The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixture of pigments/additives in polymer resin.

There are no known hazardous components above regulatory thresholds in this product (67/548 EC; 1999/45 EC; 1907/2006 EC Annex II).

This product does not contain substances of very high concern (SVHC) above regulatory thresholds (Regulation No 1907/2006 EC, Article 57).

SECTION 4: FIRST AID MEASURES**4.1 Description of 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.

4.2 Most important symptoms and effects, both acute and delayed

No additional symptom known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

Suitable extinguishing media : Carbon dioxide blanket, Water spray, Dry powder, Foam

Extinguishing media not to be used : none

5.2 Special hazards arising from the substance or mixture

Special exposure hazard arising from : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other combustion products, resulting gases, hazardous materials, and smoke are all possible.
etc.

5.3 Advice for firefighters

Advice for firefighters : Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006**ECCOH FR 120**Version Number 1.3
Revision Date 23.04.2013Page 3 of 7
Print Date 19.8.2014

should be worn to prevent inhalation of airborne contaminants.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.

6.2 Environmental precautions

Environmental precautions : Should not be released into the environment. The product should not be allowed to enter drains, water courses or the soil.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Clean up promptly by sweeping or vacuum. Package all material in plastic, cardboard or metal containers for disposal.

6.4 Methods and materials for containment and cleaning up

Refer to Section 13 of this MSDS for proper disposal methods.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

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

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end use(s)

Specific end use(s) : No further recommendations.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**Exposure limit(s)

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

PNEC

no data available

DNEL

no data available

8.2 Exposure controls

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.

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006
ECCOH FR 120

 Version Number 1.3
 Revision Date 23.04.2013

 Page 4 of 7
 Print Date 19.8.2014

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form	:	solid	Evaporation rate	:	Not applicable
Appearance	:	pellets, Slabs	Specific Gravity	:	Not determined
Colour	:	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
Fat solubility	:	insoluble	Viscosity	:	no data available
Oxidizing properties	:	not applicable			
Flash point	:	not applicable			
Flammable Limits					
Upper explosion limit	:	not applicable			
Lower explosion limit	:	not applicable			
Auto-ignition temperature	:	not applicable			

SECTION 10: STABILITY AND REACTIVITY
10.1 Reactivity

Reactivity : No hazardous reactions if stored and handled as prescribed.

10.2 Chemical stability

Stability : The product is stable if stored and handled as prescribed.

10.3 Possibility of hazardous reactions

Hazardous Polymerization : Will not occur.

10.4 Conditions to avoid

Conditions to avoid : To avoid thermal decomposition, do not overheat.

10.5 Incompatible materials

Incompatible Materials : Strong acids, oxidizing and reducing agents

10.6 Hazardous decomposition products

 Hazardous decomposition products : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

ECCOH FR 120Version Number 1.3
Revision Date 23.04.2013Page 5 of 7
Print Date 19.8.2014**SECTION 11: TOXICOLOGICAL INFORMATION**Carcinogenicity, Mutagenicity and Toxicity to Reproduction
not applicable**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

Environmental Toxicity : Chemicals are not readily available as they are bound within the polymer matrix.

12.2 Persistence and degradability

Persistence and degradability : Not readily biodegradable.

12.3 Bioaccumulative potential

Bioaccumulation Potential : Chemicals are not readily available as they are bound within the polymer matrix.

12.4 Mobility in soil

Mobility : Chemicals are not readily available as they are bound within the polymer matrix.

12.5 Results of PBT and vPvB assessment**PBT and vPvB assessment**

According to Annex XIII of Regulation (EC) No.1907/2006: The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

12.6 Other adverse effects

Additional advice : not applicable

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

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, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

SECTION 14: TRANSPORT INFORMATION

ADR (road) : Not classified as dangerous good under transport regulations.

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006
ECCOH FR 120

Version Number 1.3
Revision Date 23.04.2013

Page 6 of 7
Print Date 19.8.2014

RID (rail) : Not classified as dangerous good under transport regulations.

ADN (inland waterways) : Not classified as dangerous good under transport regulations.

ICAO/IATA : Not classified as dangerous good under transport regulations.

IMO/IMDG (maritime) : Not classified as dangerous good under transport regulations.

SECTION 15: REGULATORY INFORMATION
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National Inventories:

Europe EINECS : On the inventory, or in compliance with the inventory.

Australia AICS : Not determined

Canada DSL: : Listed

China IECS : Not determined

Japan ENCS : Not determined

Korea KECI : Not determined

Philippines PICCS : Not determined

United States TSCA: : Listed

According to Annex XVII of Regulation (EC) No.1907/2006: The product does not contain a substance fulfilling the criteria for Annex XVII of Regulation (EC) No.1907/2006.

15.2 Chemical Safety Assessment

no data available

SECTION 16: OTHER INFORMATION
Full text of any statements or R-phrases and H-phrases under Sections 2 to 15

PBT/vPvB : Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB)
PNEC : Predicted No Effect Concentration
DNEL : Derived No Effect Level

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

ECCOH FR 120

Version Number 1.3
Revision Date 23.04.2013

Page 7 of 7
Print Date 19.8.2014

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.