

*****Section 1 - IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING*****

1.1 Product Identifier:

Material Name: POLYETHYLENE WAX

Chemical Family

polymers, wax

Substance Registration Numbers(s)

This product and its components are not subject to REACH.

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified Uses

industrial

Uses Advised Against

none

1.3 Details of the supplier of the safety data sheet

BassTech Europe BVBA
Turnhoutsebaan 171 bus 120
2480 Dessel, Belgium

Phone: +32 (0) 14 38 91 91
Fax: +32 (0) 14 38 91 99
Email: info@basstechintl.com

1.4 Emergency Telephone Number

CHEMTREC: (800) 242-9300 (U.S.), +1-703-527-3887 (International; Call collect)

*****Section 2 - HAZARDS IDENTIFICATION*****

2.1 Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008

No classification is assigned, based on classification criteria. Review the entire data sheet for any additional information which did not result in a GHS classification.

Classification according to Directives 67/548/EEC and/or 1999/45/EC

No classification is assigned, based on classification criteria. Review the entire data sheet for any additional information which did not result in a GHS classification.

2.2 Label Elements

Labeling according to Regulation (EC) 1272/2008/EC:

Symbol(s)

None needed according to classification criteria.

Signal Word

None needed according to classification criteria.

Hazard Statement(s)

None needed according to classification criteria.

Precautionary Statement(s)

Prevention

None needed according to classification criteria.

Response

None needed according to classification criteria.

Storage

None needed according to classification criteria.

Disposal

None needed according to classification criteria.

Labelling according to Directive 67/548/EEC and/or 1999/45/EC

No classification is assigned, based on classification criteria. Review the entire data sheet for any additional information which did not result in a GHS classification.

2.3 Other Hazards

May cause irritation.

*****Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS*****

CAS EC No Registration No	Component Synonyms	67/548 EEC (DSD)	1272/2008 (CLP)	Percent
9002-88-4 618-339-3 --	Polyethylene			100

*****Section 4 - FIRST AID MEASURES*****

4.1 Description of First Aid Measures

Inhalation

If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.

Skin

Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

Eyes

Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

Ingestion

If a large amount is swallowed, get medical attention.

4.2 Most Important Symptoms and Effects, both Acute and Delayed

Acute

respiratory tract irritation, skin irritation, eye irritation

Delayed

No information on significant adverse effects.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians

No special instructions.

*****Section 5 - FIRE FIGHTING MEASURES*****

See Section 9 for Flammability Properties

5.1 Extinguishing Media

regular dry chemical, carbon dioxide, water spray, regular foam

Unsuitable Extinguishing Media

None known.

5.2 Special Hazards Arising from the Substance or Mixture

Slight fire hazard.

Combustion: oxides of carbon

5.3 Advice for Firefighters

Fire Fighting Measures

Move container from fire area if it can be done without risk. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

Protective Equipment and Precautions for Firefighters

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

*****Section 6 - ACCIDENTAL RELEASE MEASURES*****

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment.

6.2 Environmental Precautions

Avoid release to the environment.

6.3 Methods and Material for Containment and Cleaning up

Collect spilled material in appropriate container for disposal. Keep unnecessary people away, isolate hazard area and deny entry.

6.4 Reference to Other Sections

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations. See section 13 for disposal consideration.

*****Section 7 - HANDLING AND STORAGE*****

7.1 Precautions for Safe Handling

Do not breathe dust. Avoid contact with eyes. When using, do not eat, drink or smoke. Wash thoroughly after handling. Use methods to minimize dust. Use only with adequate ventilation.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Store and handle in accordance with all current regulations and standards. Store in a cool, dry place. Protect from physical damage. Empty containers may contain product residue. Follow MSDS and warning labels even when containers are empty. Keep separated from incompatible substances.

7.3 Specific End Use(s)

For industrial use only.

*****Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION*****

8.1 Control Parameters

Component Exposure Limits

ACGIH, EU, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Netherlands, Portugal, Spain, Sweden and United Kingdom have not developed exposure limits for any of this product's components.

Biological Limit Values

Biological Limit Values have not developed for any of component(s) of this material.

Derived No Effect Levels (DNELs)

No DNELs available.

Predicted No Effect Concentrations (PNECs)

No PNECs available.

Ventilation

Provide local exhaust ventilation system. Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Ensure compliance with applicable exposure limits.

8.2 Exposure Controls

Eye / Face Protection

Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection

Wear appropriate chemical resistant clothing.

Glove Recommendations

Wear appropriate chemical resistant gloves.

Respiratory Protection

Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

Respiratory protection is ranked in order from minimum to maximum.

Consider warning properties before use.

Any particulate respirator equipped with an N95, R95, or P95 filter (including N95, R95, and P95 filtering facepieces) except quarter-mask respirators. The following filters may also be used: N99, R99, P99, N100, R100 or P100.

Any air-purifying full-facepiece respirator equipped with an N95, R95, or P95 filter. The following filters may also be used: N99, R99, P99, N100, R100 or P100.

Any powered, air-purifying respirator with a high-efficiency particulate filter.

Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter.

Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode.

For Unknown Concentrations or Immediately Dangerous to Life or Health -

Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.

Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode.

Environmental Exposure Controls

No special requirements.

*****Section 9 - PHYSICAL AND CHEMICAL PROPERTIES*****
9.1 Information on Basic Physical and Chemical Properties

Physical State:	Solid	Appearance:	powder or flakes
Color:	Not available	Physical Form:	powder or flakes
Odor:	Not Available	Odor Threshold:	Not available
pH:	Not applicable	Melting Point:	90-120 °C
Boiling Point:	Not applicable	Flash Point:	Not flammable
Decomposition:	Not available	LEL:	Not available
UEL:	Not available	Vapor Pressure:	Not applicable
Vapor Density (air = 1):	Not applicable	Density:	Not available
Specific Gravity (water = 1):	0.90 - 0.98	Water Solubility:	Insoluble
Coeff. Water/Oil Dist:	Not available	Auto Ignition:	Not available
Molecular Formula:	(C ₂ -H ₄) _x		

*****Section 10 - STABILITY AND REACTIVITY*****
10.2 Chemical Stability

Stable at normal temperatures and pressure.

10.3 Possibility of Hazardous Reactions

Will not polymerize.

10.4 Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

10.5 Incompatible Materials

oxidizing materials, acids, halo carbons, halogens

10.6 Hazardous Decomposition Products
Thermal Decomposition Products

Combustion: oxides of carbon

*****Section 11 - TOXICOLOGICAL INFORMATION*****
11.1 Information on Toxicological Effects
Acute and Chronic Toxicity
Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

Irritation / Corrosivity

respiratory tract irritation, eye irritation, skin irritation

Respiratory Sensitization

No data available.

Skin Sensitization

No data available.

Germ Cell Mutagenicity

No data available.

Carcinogenicity

Human Inadequate Evidence

Animal Inadequate Evidence

Group 3

Component Carcinogenicity

Polyethylene (9002-88-4)

IARC: Supplement 7 [1987]; Monograph 19 [1979] (Group 3 (not classifiable))

Reproductive Toxicity

No data available.

Specific Target Organ Toxicity - Single Exposure

No target organs identified.

Specific Target Organ Toxicity - Repeated Exposure

No target organs identified.

Aspiration Hazard

No data available.

*****Section 12 - ECOLOGICAL INFORMATION*****

12.1 Toxicity

Component Analysis - Aquatic Toxicity

No LOEL ecotoxicity data are available for this product's components.

12.2 Persistence and Degradability

No information available.

12.3 Bioaccumulative Potential

No information available.

12.4 Mobility in Soil

No information available.

12.5 Results of PBT and vPvB Assessment

No information available.

EU - Interim Strategy for Management of PBT and vPvB Substances (PBT Assessments)

No components of this material are listed.

12.6 Other Adverse Effects

No information available.

*****Section 13 - DISPOSAL CONSIDERATIONS*****

13.1 Waste Treatment Methods

Dispose in accordance with all applicable regulations.

*****Section 14 - TRANSPORT INFORMATION*****

Transportation

Not regulated as dangerous goods.

International Bulk Chemical Code

This material does not contain any chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

*****Section 15 - REGULATORY INFORMATION*****

15.1 Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture

EU - REACH (1907/2006) - Annex XIV List of Substances Subject to Authorisation

No components of this material are listed.

EU - REACH (1907/2006) - Article 59(1) Candidate List of Substances Subject to Authorisation

No components of this material are listed.

EU - REACH (1907/2006) - Annex XVII Restrictions of Certain Dangerous Substances, Mixtures and Articles

No components of this material are listed.

Safety Data Sheet

Material Name: POLYETHYLENE WAX

SDS ID: BTI-002_EU

EU - REACH (1907/2006) - Potential Substances of Very High Concern

No components of this material are listed.

UK Regulations

No component(s) of this material are listed on the List of Chemicals of Concern or the Dangerous Substances in Water (Red List).

Germany Regulations

Germany Water Classification

No components of this material are listed.

Denmark Regulations

Environmental Protection Agency List of Undesirable Substances

No components of this material are listed.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for the substance/mixture.

* * *Section 16 - OTHER INFORMATION* * *

16.1 Indication of changes

New SDS: 12 November 2013

16.2 Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LC50 - Lethal Concentration, 50%; LD50 - Lethal Dose, 50%; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

16.3 Key literature references and sources for data

Available upon request

16.4 Methods used for classification of mixture according to Regulation (EC) No 1272/2008

Available upon request

16.5 Full text of R phrases in Section 3

None

16.6 Training Advice

Read the Safety Data Sheet before handling product.

16.7 Other Information

Disclaimer: Supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Safety Data Sheet before handling product.

End of Sheet BTI-002_EU