

# DECLARATION DATA SHEET

## LOW DENSITY POLYETHYLENE BRALEN+ FB 08-12

TIPELIN / TIPOLEN / TIPPLEN / TATREN / BRALEN+

The joint product portfolio of MOL Petrochemicals and Slovnaft provides infinite opportunities

### GENERAL PROPERTIES

Characteristic:

Low density polyethylene granulate intended for production of shopper bags and surface protection films

Used monomer: Ethylene [CAS No 74-85-1]

License: Lyondell-Basell

### FOOD CONTACT STATUS

#### EUROPEAN UNION FOOD CONTACT STATUS

This product complies with the relevant requirements of:

**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food**

as amended, applicable to intermediate materials (e.g. plastic granules, plastic flakes).

**Commission Regulation (EC) No 2023/2006 (of 22 December 2006) on good manufacturing practice for materials and articles intended to come into contact with food**

as amended, applicable to intermediate materials (e.g. plastic granules, plastic flakes).

We declare that production of this product runs under established, implemented and observed effective and documented quality assurance system certified by ISO 9001, ISO 14001 and OHSAS 18001 so that, under normal or foreseeable conditions of use, its constituents cannot transfer to food in quantities which could endanger human health or bring about an unacceptable change in the composition of the food or bring about deterioration in the organoleptic properties.

Moreover, we declare that our production process is in harmony with requirements of Directive 1999/92/EC (of 16 December 1999) on minimum requirements for improving the safety and health protection of workers potentially at risk from explosive atmosphere.

**Commission Regulation (EU) No 10/2011 (of 14 January 2011) on plastic materials and articles intended to come into contact with food**

as amended and corrected, applicable to intermediate materials (e.g. plastic granules, plastic flakes).

The monomers and additives used in our production are listed in the Union List of Authorized substances of Regulation 10/2011/EC ANNEX I.

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We draw your attention to the fact that the EU-Directive 10/2011/EC, which applies to all EU-Member States, includes a limit of 10 mg/dm<sup>2</sup> on the overall migration (OML) from finished food contact material or article. The OML and specific migration limits (SMLs, if applicable) should be determined on finished articles placed into contact with foodstuff or appropriate food simulants for a period and at the temperature which are chosen by reference to the contact conditions in actual use according to the rules laid down in EU-Directives 97/48/EC (amending 82/711/EEC) and 85/572/EEC.

Based on migration experiments with test samples made of this polymer and carried out in the presence of the standard food simulants A (10% ethanol), B (3% acetic acid) and D2 (olive oil) at 40°C for 10 days, it is our experience that under these conditions overall migration limits do not exceed 10 mg/dm<sup>2</sup>.

### Specific Migration Limit (SML) requirements according to Commission Regulation (EU) 10/2011

This product does not contain monomers, additives or components which have SMLs or QMAs as specified by Regulation 10/2011/EC, ANNEX I.

Based on migration experiments with test samples made of this polymer we confirm that specific migration limits of Ba, Co, Cu, Fe, Li, Mn, Zn, Al and Ni in simulants A (10% ethanol), B (3% acetic acid), D1 (50% ethanol) and 95% ethanol, at 40°C / 10 days and of primary aromatic amines PAA in food simulant B (3% acetic acid) at 40°C / 10 days meet requirements given by EU Regulation 10/2011/EC, ANNEX II.

### Dual Use Additives

Dual use additives are not intentionally used for production of this product. The information provided concerning additives which are also food additives and flavouring is based on our current knowledge.

**Please note it is responsibility of both the manufacturers of finishing contact articles as well as the industrial food packers to make sure that these articles in their actual use are in compliance with requirements given by above mentioned regulations.**

### Allergen Statement according to Regulation (EU) No 1169/2011

The food ingredients listed in Annex II of Regulation (EU) No 1169/2011 are not used in the manufacture or formulation of this product.

Food allergens:

- peanuts, tree nuts (almonds, brazil nuts, chestnuts, filberts, hazelnuts, hickory nuts, macadamia nuts, pecans, pine nuts, pistachios, walnuts)
- milk and products thereof (including lactose)
- eggs
- soybeans

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- shellfish
- crustaceans (shrimps, crabs, scallops, crayfishes, lobsters, oysters)
- molluscs (snails, squids, octopi, clams) and mollusc products
- sulphites
- food colourants
- celery and celery products
- wheat (gluten) and wheat products
- seeds (cotton, poppy, sesame, sunflower, mustard) and seed products
- aspartame
- monosodium glutamate (MSG)
- caffeine
- hydrogenated vegetable protein (HVP)
- grains (barley, oats, rye)
- lupine and lupine products

However, this product has not been tested for presence of above mentioned substances.

### Regulation (EC) No 1895/2005 (of 18 November 2005) on the restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food

- 2,2-bis(4-hydroxyphenyl)propane bis(2,3-epoxypropyl) ether, referred to as 'BADGE'

[CAS No 001675-54-3]

- bis(hydroxyphenyl)methane bis(2,3-epoxypropyl)ethers, referred to as 'BFDGE'

[CAS No 039817-09-9]

- other novolac glycidyl ethers, referred to as 'NOGE'

are not used in manufacturing of this product, therefore it is not reasonable to expect any of such substances to be present in this product. However, this product has not been tested for presence of these chemical substances.

### MOH, MOSH, MOAH, POH, POSH, POAH statement according to Commission Recommendation (EU) No 2017/84 (of 16 January 2017) on the monitoring of mineral oil hydrocarbons in food and in materials and articles intended to come into contact with food

Mineral oil hydrocarbons (MOH), Mineral oil saturated hydrocarbons (MOSH), mineral oil aromatic hydrocarbons (MOAH), polyolefin oligomeric saturated hydrocarbons (POSH) and polyolefin oligomeric aromatic hydrocarbons (POAH) are not used as direct additives. Polyolefin oligomeric hydrocarbons (POH) are present in polymer and represent the low molecular weight fraction.

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### Tallow and its derivatives (BSE/TSE)

The concerns relative to BSE/TSE in the context of plastics materials used in contact with food are linked to the use of additives of animal origin: tallow derivatives. Above mentioned polymer is not TSE/BSE dangerous product.

### GMO (GENETICALLY MODIFIED SUBSTANCES)

We declare that during manufacturing of this product we do not intentionally add genetically modified substances.

### Kosher and Halal certification

This product is not Kosher and Halal certified.

### BfR (Bundesinstitut für Risikobewertung), III. Polyethylene

This product meets requirements given by BfR (Bundesinstitut für Risikobewertung), III. Polyethylene Recommendation for the materials intended to come into contact with food.

### UNITED STATES FOOD CONTACT STATUS

#### U.S. Food and Drug Administration (FDA)

The base resin meets requirements given by FDA Title 21 CFR (Code of Federal Regulations) § 177.1520

Indirect food additives: Polymers: Olefin polymers (a)(2)(i) and (c) Specifications:

2.1. Polyethylene for use in articles that contact food except for articles used for packing or holding food during cooking

2.2. Polyethylene for use in articles used for packing or holding food during cooking

### EUROPEAN PHARMACOPOEIA, 9<sup>TH</sup> EDITION

This product meets requirements of European Pharmacopoeia, 9<sup>th</sup> Edition for 3.1.3 Polyolefins.

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### ADDITIONAL COMPLIANCE

#### Regulation (EC) No 1272/2008 (of 16 December 2008) on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006 CLP – Classification, Labelling and Packaging regulation

This product is not classified as dangerous substance according to the Regulation 1272/2008/EC and Legal Act of the National Council of SR No. 67/2010 Coll. of the Slovak Republic.

During production of this product we do not intentionally use any carcinogenic, mutagenic or toxic and reprotoxic substances (CMR substances) in accordance with EC 1272/2008.

#### European Parliament and Council Directive 94/62/EC (of 20 December 1994) on packaging and packaging waste and its amendments 2005/20/EC and 2013/2/EU

Based on the available documentation from raw materials suppliers and test results, this grade complies with the Directive 94/62/EC and its following amendments concerning the defined limits of heavy metals. This product meets requirements of less than 100 ppm for total incidental cadmium, chromium, lead and mercury. In addition, this product has the potential to be recycled according to these requirements.

#### Declaration of Code of Federal Regulations title 16 chapter II. Consumer product safety commission part 1500 (Hazardous substances and Articles)

This product is not classified as hazardous substance (see § 1500.3 Definitions). Waste of this product is not hazardous and can be re-processed by recycling and reused as raw material.

#### Directive 76/768/EEC of 27 July 1976 on the approximation of laws of the Member States relating to cosmetic products

We certify that during manufacturing of this product we do not use or intentionally incorporate into this product any of chemicals listed in ANNEX II and ANNEX III part 1 of this Directive. Therefore, it is not reasonable to expect any of such substances to be present in this product. However, this product has not been tested for presence of these chemical substances.

#### Regulation (EC) No 1223/2009 of the European parliament and of the council of 30 November 2009 on cosmetic products

We confirm that this polymer meets requirements of Regulation (EC) 1223/2009. However, this product has not been tested according to requirements of Regulation (EC) 1223/2009.

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### Regulation (EC) No 1005/2009 (of 16 September 2009) on Substances that deplete the ozone layer

The ozone depleting substances (ODS) listed in the Annex I and Annex II of the Regulation (EC) No 1005/2009 are not intentionally used in the manufacture or formulation of this product. According to this fact it is not reasonable to expect any of such substances to be present in this product. However, this product has not been tested for presence of above mentioned substances.

### Regulation (EC) No 850/2004 (of 29 April 2004) on persistent organic pollutants and its amendments: Regulation (EU) No 2015/2030 (of 13 November) and Regulation (EU) No 2016/460 (of 30 March 2016)

We declare that during manufacturing of this product we do not intentionally incorporate into this product any of the chemicals restricted by ANNEX I – IV. of this regulation (see table below). According to this fact it is not reasonable to expect any of such substances to be present in this product.

Substance	CAS No
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8
Aldrin	309-00-2
Chlordane	57-74-9
Dieldrin	60-57-1
Endrin	72-20-8
Heptachlor	76-44-8
	68631-49-2
Hexabromodiphenyl ether and heptabromodiphenyl ether	207122-15-4
	446255-22-7
	207122-16-5
Decabromodiphenyl ether (c-decaBDE)	1163-19-5
Hexachlorobutadiene (HCBD)	87-68-3
Alpha and beta hexachlorocyclohexane	319-84-6
	319-85-7
Pentachlorobenzene (PeCB)	608-93-5
Hexachlorobenzene (HCB)	118-74-1
Mirex	2385-85-5
Toxaphene	8001-35-2
Polychlorinated Biphenyls (PCB)	1336-36-3 and others
Polychlorinated naphthalenes	70776-03-3 and others
DDT (1,1,1-trichloro-2,2-bis(4-chlorophenyl) ethane)	50-29-3
Chlordecone	143-50-0
	87-86-5
Pentachlorophenol and its salts and esters	131-52-2

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	27735-64-4
	3772-94-9
	1825-21-4
Hexabromobiphenyl	36355-01-8
HCH, including lindane	608-73-1, 58-89-9
Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF)	-
	25637-99-4
Hexabromocyclododecane and its diastereoisomers (alpha-hexabromocyclododecane, beta-hexabromocyclododecane, gamma-hexabromocyclododecane)	3194-55-6 134237-50-6 134237-51-7 134237-52-8
Technical endosulfan and its related isomers	959-98-8 33213-65-9
Tetrabromodiphenyl ether and pentabromodiphenyl ether (commercial pentabromodiphenyl ether)	5436-43-1 60348-60-9
Perfluorooctane sulfonic acid (PFOS), its salts and perfluorooctane sulfonyl fluoride (PFOS-F)	1763-23-1 307-35-7

However, this product has not been tested for presence of above mentioned substances.

### Phthalates

Phthalates are not used in the manufacture of or formulation of this product. However, this product has not been tested for presence of phthalates.

### Directive No 2011/65/EC (of 8 June 2011) on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and Commission delegated Directive (EU) No 2015/863 (of 31 March 2015) amending Annex II to Directive No 2011/65/EU

RoHS regulation refers to electrical and electronic equipment and not specifically to plastic raw material. Based on the available documentation from raw materials suppliers this product complies with the Directives concerning the limits of heavy metals and substances mentioned in table below. Heavy metals and chemical substances restricted by these directives are not incorporated into this polymer intentionally during the production. However, this product has not been according to specific requirements of Directive No 2011/65/EC.

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Substance/Element	Limit [%]	CAS No
Lead (Pb)	0,1	7439-92-1
Cadmium (Cd)	0,01	7440-43-9
Hexavalent chromium (Cr <sup>VI</sup> )	0,1	18540-29-9
Mercury (Hg)	0,1	7439-97-6
Polybrominated biphenyls (PBB)	0,1	-
Polybrominated diphenyl ethers (PBDE)	0,1	-
Bis(2-ethylhexyl) phthalate (DEHP)	0,1	117-81-7
Butyl benzyl phthalate (BBP)	0,1	85-68-7
Dibutyl phthalate (DBP)	0,1	84-74-2
Diisobutyl phthalate (DIBP)	0,1	84-69-5

### Directive No 2000/53/EC (of 18 September 2000) on End-of-Life Vehicles (ELV)

Heavy metals like cadmium, lead, mercury, hexavalent chromium (Cr<sup>VI</sup>) and their compounds restricted by this regulation are not incorporated into this polymer intentionally during production. However, this product has not been tested according to specific requirements of Directive No 2000/53/EC.

### GADSL (Global Automotive Declarable Substance List)

We confirm that during the production of this product we do not intentionally add into this polymer any of the chemicals as mentioned in Global Automotive Declarable Substance List (Version 1.0, Revised on 1.2.2017, <http://www.gadsl.org/>). However, this product has not been tested for presence of these chemical substances.

### Directive 2003/11/EC (of 6 February 2003) on the marketing and use of certain dangerous substances and preparations (pentabromodiphenyl ether, octabromodiphenyl ether)

Dangerous substances pentaBDE (pentabromodiphenyl ether) and octaBDE (octabromodiphenyl ether) are not used in manufacturing process of this product. Therefore, it is not reasonable to expect any of such substances to be present in this product. However, this product has not been tested for presence of these substances.

### Directive No 2009/48/EC (of 18 June 2009) on the safety of toys and CEN standards EN 71-3 and EN 71-9

CEN Standard EN 71-3 and EN 71-9 refer to safety of toys and not specifically to plastic raw material. This product was tested according to EN 71-3 and meets requirements of migration limits of certain elements which shall not be exceeded in scraped-off toy material defined by Annex II, III. Chemical properties, point 13. of Directive 2009/48/EC of 18<sup>th</sup> June 2009 on the safety of toys.



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We confirm that we do not intentionally add substances listed in EN 71-9, Tables 2 A-I. According to this fact it is not reasonable to expect any of such substances to be present in this product. However, this product has not been tested for presence of these chemicals.

### Nanomaterials and Nanotechnology

We certify that during manufacturing of this product, we do not use Nanotechnology or any nanomaterials defined in Commission Recommendation 2011/696/EU (of 18 October 2011) on the definition of nanomaterial.

Nanomaterials defined as natural, incidental or manufactured materials containing particles in an unbound state or as an aggregate or as an agglomerate and where for 50% or more of the particles in the number of size distribution, one or more external dimensions is in the size range (1-100) nm are not used in the production or the formulation of this grade. However, this product has not been tested for presence of these chemical substances.

### Conflict minerals

Conflict minerals which contain columbite-tantalite (coltan), cassiterite, gold, wolframite and their derivative metals like sources of tin, tungsten and tantalum mined from the Democratic Republic of Congo (DRC) or its adjoining countries (DRC Countries: Angola, Burundi, Central African Republic, the Republic of Congo, Rwanda, South Sudan, Tanzania, Uganda, Zambia) are not used in polymerization process during the production of this product.

### CEN standard EN 13432

This product is not suitable for composting.

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### DECLARATION OF OTHER CHEMICAL ELEMENTS

As a producer of this product we confirm that during production of this product we do not intentionally use below mentioned elements and their derivatives therefore are not expected to be present in this product. However, this product has not been tested for presence of these chemical elements.

- Antimony (Sb)
- Arsenic (As)
- Gold (Au)
- Halogens (fluorine, bromine, iodine)
- Phosphorus (P) yellow and red
- Selenium (Se)
- Sulphur (S)
- Tantalum (Ta)
- Tin (Sn)
- Tungsten (W)
- Uranium (U)

### DECLARATION OF OTHER SUBSTANCES

Chemical elements and substances listed below are not used and not intentionally added during manufacturing or in the formulation of this product and therefore they are not expected to be present in this product. However, this product has not been tested for presence of below mentioned elements and substances.

- Acenaphthylene [CAS No 208-96-8]
- Acetaldehyde [CAS No 75-07-0]
- Acetyl Acetone (ACAC) [CAS No 123-54-6]
- Acetyltributyl citrate [CAS No 77-90-7]
- Acrolein (2-propenal) [CAS No 107-02-8]
- Acrylamide [CAS No 79-06-1]
- Acrylonitrile [CAS No 107-13-1]
- Adipates
- Alkyl phenol Ethoxylates (APE)
- Alkylphenols
- Alkylphenolphosphates
- Ammonium Nitrate [CAS No 6484-52-2]
- Anthracene [CAS No 120-12-7]

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- Anthraquinone [CAS No 84-65-1]
- 4-Aminobiphenyl [CAS No 92-67-1] and its salts
- Aromatic Amines (restricted by Directive 2002/61/EC)
- Artificial musks
- Asbestos [Chryolite CAS No 12001-29-5, Amosite CAS No 12172-73-5, Anthophyllite CAS No 77536-67-5, Actinolite CAS No 77536-66-4, Tremolite CAS No 77536-68-6]
- Azocolourants, azodyes
- Azodicarbonamide [CAS No 123 -77-3]
- Benz(a)anthracene [CAS No 56-55-3]
- Benzene [CAS No 71-43-2]
- Benzidine [CAS No 92-87-15] and its salts
- 1,2-Benzisothiazol-3(2H)-one [CAS No 2634-33-5]
- Benzo(a)pyrene [CAS No 50-32-8]
- Benzo(b)fluoranthene [CAS No 205-99-2]
- Benzo(e)pyrene [CAS No 192-97-2]
- Benzo(ghi)perylene [CAS No 191-24-2]
- Benzo(j)fluoranthene [CAS No 205-82-3]
- Benzo(k)fluoranthene [CAS No 207-08-9]
- Benzoic Acid [CAS No 65-85-0]
- Benzophenone [CAS No 119-61-9]
- Benzotriazole [CAS No 95-14-7]
- 2-(2H-benzotriazol-2-yl)-4,6-di-tert-butylphenol [CAS No 3846-71-7]
- Beryllium compounds (including beryllium-oxide) and beryllium alloy
- Biocides
- Bis(2-butoxyethyl) adipate [CAS No 141-18-4]
- Bis(chloromethyl)ether (BCME) [CAS No 542-88-1]
- Bismuth [CAS No 7440-69-9]
- Bisphenol A (BPA) [CAS No 80-05-7]
- Bisphenol A diglycidyl ether (BADGE) [CAS No 1675-54-3]
- Bisphenol F (BPF) [CAS No 620-92-8]
- Bisphenol F diglycidyl ether (BFDGE) [CAS No 2095-03-6]
- Bisphenol S (BPS) [CAS No 80-09-1]
- Blue colorants

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- Bromine and its derivatives
- Butyl acrylate [CAS No 141-32-2]
- Butylated Hydroxyanisole (BHA) [CAS No 25013-16-5 and CAS No 121-00-6]
- Butylated Hydroxytoluene (BHT) [CAS No 128-37-0]
- C10 - C13 aromatics
- C9 aromatics
- Camphor benzalkonium methosulfate [CAS No 52793-97-2]
- Cellulose [CAS No 9004-34-6]
- Cellulose Acetate [CAS No 9004-35-7]
- Cetylstearylalcohol [CAS No 67762-27-0]
- Citrates
- Cobalt [CAS No 7440-48-4] and Co<sup>II</sup> chloride [CAS No 7646-79-9]
- Coconut Oil
- Colophony (Gum rosin) [CAS No 8050-09-7]
- Colourants
- Coriandrol (D-Linalool) [CAS No 126-90-9]
- Cumene [CAS No 98-82-8]
- Cyanuric acid (CYA) [CAS No 108-80-5]
- N-cyclohexyl-2-benzothiazolesulfenamide [CAS No 95-33-0]
- Decabromodiphenyl ether (DecaBDE) [CAS No 1163-19-15]
- 4,4'-diaminodiphenylmethane (MDA) [CAS No 101-77-9]
- Di-2-ethylhexyl maleate (DEHM) [CAS No 142-16-5]
- Dibenz(a,h)anthracene [CAS No 53-70-3]
- Dibenzothiazyl disulphide [CAS No 120-78-5]
- Dichlorodiphenyltrichloroethane [CAS No 50-29-3]
- 1,2-dihydro-acenaphthene [CAS No 83-32-9]
- Dimethylacetamide [CAS No 127-19-5]
- Dimethylformamide (DMF) [CAS No 68-12-2]
- Dimethylfumarate [CAS No 624-49-7]
- 1,4-Dioxane [CAS No 123-91-1]
- Dioxin [CAS No 290-67-5 and CAS No 289-87-2] and its derivatives
- Dipentamethylenethiuram disulphide (PTD) [CAS No 94-37-1]
- Endocrine disruptors

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- Epichlorohydrin (ECH) [CAS No 106-89-8]
- Epoxidized Soy-Bean Oil (ESBO) [CAS No 8013-07-8]
- Ethanol [CAS No 64-17-5]
- Ethyl-acetone (methyl-propyl-ketone) [CAS No 107-87-9]
- Ethylbenzene [CAS No 100-41-4]
- Ethylene glycol dimethylacrylate (EGDMA) [CAS No 97-90-5]
- Ethylenediaminetetraacetic acid (EDTA) [CAS No 60-00-4]
- N-Ethyl-o-toluenesulfonamide (NETSA) [CAS No 1077-66-1]
- N-Ethyl-p-toluenesulfonamide [CAS No 80-39-7]
- Flame retardants
- Fluoranthene [CAS No 206-44-0]
- 9H-Fluorene [CAS No 86-73-7]
- Fluorine and its derivatives
- Fluorocarbons
- Fluoroelastomers
- Fluorotelomers
- Formaldehyde [CAS No 50-00-0]
- Fragrances
- Furan [CAS No 110-00-09]
- Furfural [CAS No 98-01-1]
- Glycerol [CAS No 56-81-5]
- Glycol ethers (EGME, EGMEA, EGEEE, EGEEA)
- Glycols ethylene [CAS No 107-21-1] and glycols propylene [CAS No 57-55-6]
- Glyoxal [CAS No 107-22-2]
- Gold (Au) [CAS No 7440-57-5]
- Graphite
- Halogenated Flame Retardants
- Halogenated Hydrocarbons
- Herbicides
- Hexachlorobenzene (HCB) [CAS No 118-74-1]
- Hydrofluorocarbon (HFC)
- Hydrochlorofluorocarbon (HCFC)
- Chlorinated paraffins, short chain chlorinated paraffins (SCCPs)

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- Chlorine and its derivatives
- Chlorofluorocarbon (CFC)
- 5-Chloro-2-methyl-4-isothiazolin-3-one [CAS No 26172-55-4]
- Chrysene [CAS No 218-01-9]
- Indeno(1,2,3-cd)pyrene [CAS No 193-39-5]
- Indium [CAS No 7440-74-6]
- Insecticides
- Isopropyl thioxanthone (ITX) [CAS No 83846-86-0, CAS No 5495-84-1 and CAS No 75081-21-9]
- N-Isopropyl-N'-phenyl-1,4-phenylenediamine [CAS No 101-72-4]
- Lanoline [CAS No 8006-54-0]
- Latex, Natural Rubber [CAS No 9006-04-6]
- Licareol (L-Linalool) [CAS No 126-91-0]
- Linalool [CAS No 78-70-6]
- Lithium Hydroxide (LiOH) [CAS No 1310-65-2]
- Melamine [CAS No 108-78-1]
- 2-mercaptobenzothiazole (MBT) [CAS No 149-30-4]
- Methanol [CAS No 67-56-1]
- 4-Methylbenzophenone [CAS No 134-84-9]
- 2-Methyl-4-isothiazolin-3-one [CAS No 2682-20-4]
- Methyl methacrylate [CAS No 80-62-6]
- Methylidibromo glutaronitrile (MDBGN) [CAS No 35691-65-7]
- Methylene-Diphenyl-Diisocyanate (MDI) [CAS No 101-68-8]
- Methylene chloride [CAS No 75-09-2]
- N-Methylpyrrolidone (NMP) [CAS No 872-50-4]
- Mica
- 2-(4-Morpholinylmercapto)benzothiazole [CAS No 102-77-2]
- Nanomaterials (including Nanoclay, Nanosilver)
- Naphthalene [CAS No 91-20-3]
- 2-Naphthylamine [CAS No 91-59-8] and its salts
- Neomycin [CAS No 1404-04-2]
- Nickel [CAS No 7440-02-0]
- Nitrates
- Nitrite derivatives

# DECLARATION DATA SHEET

## LOW DENSITY POLYETHYLENE BRALEN+ FB 08-12

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- 4-Nitrobiphenyl [CAS No 92-93-3]
- Nitrosoamines
- Nonylphenol [CAS No 25154-52-3 and CAS No 84852-15-3]
- Nonylphenol ethoxylates
- Novolac glycidyl ether
- Octylphenols [CAS No 27193-28-8] and Nonylphenol [CAS No 25154-52-3]
- Oleamide [CAS No 301-02-0]
- Organotin compounds
- Oxalic Acid [CAS No 144-62-7] and its derivatives
- Palladium [CAS No 7440-05-3]
- Parabenes (Esters of Para-hydroxybenzoic-acid)
- PentaBDE [CAS No 32534-81-9] (pentabromodiphenyl ether) and octaBDE [CAS No 32536-52-0] (octabromodiphenyl ether)
- Pentachlorophenol [CAS No 87-86-5]
- Perfluorochemicals (PFCs)
- Perfluorooctanesulfonic acid (PFOS) [CAS No 1763-23-1]
- Perfluorooctanoic acid (PFOA) [CAS No 335-67-1]
- Perfume
- Perchlorates
- Pesticides
- Phenanthrene [CAS No 85-01-8]
- o-Phenylphenol (OPP) [CAS No 90-43-7]
- p-Phenylenediamine [CAS No 106-50-3]
- Plasticizers
- Polyacrylonitrile (PAN) [CAS No 25014-41-9]
- Polybrominated Biphenyls (PBBs)
- Polybrominated Diphenyl Ethers (PBDEs)
- Polybrominated Terphenyls (PBTs)
- Polycyclic aromatic hydrocarbons (PAHs)
- Polychlorinated Biphenyls (PCBs)
- Polychlorinated dibenzodioxins and dibenzofurans
- Polychlorinated Naphthalenes (PCNs)
- Polychlorinated Terphenyls (PCTs)

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- Polylactic acid (PLA) [CAS No 26100-51-6]
- Polystyrene [CAS No 9003-53-6]
- Polystyrene resin
- Polytetrafluorethylene (PTFE, TEFLON) [CAS No 9002-85-1]
- Polyurethane (PU) [CAS No 9009-54-5]
- Polyvinyl chloride (PVC) [CAS No 9002-86-2]
- Potassium dichromate [CAS No 7778-50-9]
- Preservatives
- Propolis [CAS No 9009-62-5]
- Proteins
- PVC [CAS No 9002-86-2] and PVDC [CAS No 9002-85-1]
- Pyrene [CAS No 129-00-0]
- Radioactive substances/elements
- Radon (Rn) [CAS No 10043-92-2]
- Recycled material
- Release additives
- Rubber (Synthetic and Natural)
- Silicon [CAS No 90337-93-2] and silica gel [CAS No 99439-28-2]
- Siloxanes
- Silver [CAS No 7440-22-4]
- Softeners
- Styrene [CAS No 100-42-5]
- Sulphur dioxide [CAS No 7466-09-5]
- TBT (tributyl-tin), DBT (dibutyl-tin) and MBT (monobutyl-tin) and dioctyltin compounds (DOT) and other organo-tin compounds
- Tellurium [CAS No 13494-80-9]
- Tetraethyleneglycol dimethacrylate (TEGDMA) [CAS No 109-16-0]
- Tetraethylthiuram disulphide (TETD) [CAS No 97-77-8]
- Tetramethylthiuram disulphide (TMTD) [CAS No 137-26-8]
- Tetramethylthiuram monosulphide (TMTM) [CAS No 97-74-5]
- Thiuram mix
- Thorium [CAS No 7440-29-1]
- Tin oxide, Cassiterite [CAS No 8062-08-6]



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- Titanium acetyl acetonate (TAA) [CAS No 17501-79-0]
- Toluene [CAS No 108-88-3]
- Triclosan [CAS No 3380-34-5]
- Triethylenglycol-dimethacrylate (TEGDMA) [CAS No 109-16-0]
- Trichlorobenzene [CAS No 12002-48-1]
- Trimethylbenzenes
- Tris(2-butoxyethyl) phosphate (TBEP) [CAS No 78-51-3]
- Tris(2-nonylphenyl) phosphite (TNPP) [CAS No 26523-78-4]
- Turpentine [CAS No 8006-64-2]
- UV filters / UV stabilizers
- Vinyl Chloride [CAS No 75-01-4]
- Vinylidene chloride (VDC) [CAS No 75-35-4]
- Water repellents
- Wolframite, Tungsten (W) [CAS No 1332-08-7]
- Xylenes

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