

Announcement

according to Art. 32 of the Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH)

The supplied product meets neither the criteria for classification as a dangerous product according to the Regulation (EC) No 1272/2008 of the European Parliament and of the Council (CLP) nor any of the other conditions set in Art. 31 of the Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH), and therefore there is no obligation to provide MSDS to the customer.

However the supplier is, according to Art. 32 of the Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH), obliged to provide the information below.

1. SUPPLIER

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2. REGISTRATION

according to Title II of the Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH)

According to Art. 2(9) of the Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH) the product is not subject to registration according to Title II of this Regulation. The monomers are subject to registration according to Art. 6(3), if their content in the polymer is at least 2 % wt.

The product identifiers are as follows:

| IDENTIFIER | IDENTIFICATION NAME | | IDENTIFICATION NUMBER |
|-----------------------------|---|---------------------------|---|
| Registration | Copolymer | Ethylene/Hexene Copolymer | Registration number: it is not subject to registration |
| | Monomer | Ethylene | 01-2119462827-27-0036 |
| | Monomer | Hex-1-ene | 01-2119475505-34 |
| Harmonized classifications | not on the list | | not on the list |
| List of ECHA classification | not on the list | | - |
| International chemical name | Ethylene/Hexene Copolymer | | CAS number: 25213-02-9 |
| Types B | BB 52-010, BB 54-010, BB 54-030, BB 56-040, BB 58-030, BB/FB 75, BB/FB 85, BB/FB 85 F, BK 58-030, BS 50-007, BS 54-002, EB 39-014, EB 43-013, EB 46-050, EB 49-006, EB 52-005, FB 41-018, FL 41-018, LS 87, MB 68, MB 77, MB 87, MB 53-200, ML 50-400, ML 57, ML 67, RL 58, RL 58 UV, TB 49-060, | | |

| | |
|----------|---|
| | VB 68, VB 85, XB 39-014, XB 41-014, XB 41-018, XB 43-013, XB 49-006, XB 49-060, XB 50-006, XB 52-005, XB 52-010, XB 53-200, XB 54-010, XB 58-030, XL 00-000, XL 41-018, XL 50-400, XL 60-400, XN 00-000, XS 50-007, XS 54-002 |
| Types L* | EL 50-014, EL 56-050, ML 60-400, PL 60-006, PL 62-005, XL 50-014, XL 56-050, XL 60-006, XL 62-005, YL-00-000 |

* Additive content (Carbon black CAS 1333-86-4): 2.0 – 2.5%, it may be less for transition grades.

3. AUTHORISATION

according to Title VII of the Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH)

The product is not given on the authorization list in Annex XIV of the Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH), and therefore there is no obligation to apply for authorization for its production and use.

4. RESTRICTION

according to Title VIII of the Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH)

The product is subject to restriction stated in Annex XVII of the Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH) – point 78 “Synthetic polymer microparticles“(Commission regulation (EU) 2023/2055 of 25 September 2023 amending Annex XVII to the Regulation (EC) 1907/2006 (REACH)).

ORLEN Unipetrol RPA confirms that products PE LITEN are outside the prohibition for place to market of the Commission Regulation (EU) 2023/2055 – exception according sections 4 a 5 in point 78, Annex XVII to the Regulation REACH.

Products above as synthetic polymer microparticles, are supplied in the form of pellets used at industrial sites as feedstock for further processing (e.g. pressed, blown, extruded, injected products, etc.).

5. OTHER IMPORTANT INFORMATION FOR RISK MANAGEMENT

The product is not classified as dangerous according to the Regulation (EC) No 1272/2008 (CLP).

The substance is not included in the candidate list pursuant to Article 59 (Paragraph 1) of the REACH Directive (SVHC substances).

In the manufacture of the above products any “Substances of Very High Concern” (included in the candidate list pursuant to Article 59 (Paragraph 1) of the REACH Directive - SVHC substances) are not used as additives, ingredients or adjuvants in concentration more than 0,1 % wt.

The product does not contain substances included in the candidate list according to Article 59(1) of the REACH Regulation due to endocrine disrupting properties or for other reasons.

The production and use must comply with the given permissible exposure limit values.

| Polyethylene dust | NPK-P [mg.m ³] | PEL [mg.m ³] |
|---|---|--------------------------|
| Czech Republic (Government Regulation No. 361/2007 Coll.) | - | 5 |
| European Union (Regulation 2000/39/ES) | Limiting exposure values are not specified. | |

PEL: Permitted exposure limit of the chemical substance in the air (the exposure value that an employee may be exposed to during the entire working shift (8 hours), without endangering his health during lifetime occupational exposure)

NPK-P: The highest permitted concentration of the chemical substance in the air (the concentration of the substance that a worker may be exposed to for a maximum of 15 minutes but which must never be exceeded)

6. OPTIONAL INFORMATION

The following information and recommendations are not obligatorily provided under Article 32 of the Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH). This information is provided in good faith. We recommend to take this information into account and to follow the instructions.

- Available data on physical and chemical properties of the product.
The product is capable of burning, but hardly ignitable. The product dust may create explosive mixtures with air. The product may be charged electrostatically.
 - Physical state at 20°C solid product
 - Colour, odour – Type B colourless and odourless
 - Colour, odour – Type L black and odourless
 - Density [kg.m⁻³] 930-970
 - Melting point [°C] 120-134,5
 - Bulk density (granules) [kg.m⁻³] 500-650
 - Flash point (granules) [°C] 370
 - Ignition temperature (granules) [°C] 390-400
 - Ignition temperature (settled dust) [°C] 350
 - Ignition temperature (turbid dust) [°C] 445
 - Minimal initiatory ignition energy [J] 1,6
 - Lower explosion limit (dust) [g.m⁻³] 100
 - Combustion heat [MJ.kg⁻¹] 45-46
 - Volatile matter content < 0,1%

- Instructions for handling and storage
For safe handling and storage, all the fire-fighting measures and recommended personal protective means (safety goggles, protective gloves, working clothes, sealed footwear) shall be observed.
Storing facilities shall meet the requirements for fire safety of constructions and electrical facilities and shall be in conformity with valid legal regulations. Avoid contact of the product with incompatible materials, with open flame and high temperatures. To maintain the product quality, do not expose it to moisture and direct sunlight. We recommend to store the product in dry, ventilated, roofed storing facility, the premises of which are protected against direct sunlight, or to secure the above-mentioned conditions by another suitable way (tightly closed containers or packaging). The recommended range of storage temperatures is from -20 °C to +50 °C. At below-zero temperatures, it is necessary to pay increased attention to handling of the product. The product distance from any source of heat shall be at least one meter. The recommended storage time for product in closed (sealed) bags at defined storage conditions is maximum one year. At longer storage time, it is recommended to check the material properties prior to processing.

Flammability according to EN 13501-1: class F

Flammability according to UL 94 standard [mm/min]: class HB

Suitable fire extinguishing substances: foam, powder, water spray for large fires.

Unsuitable fire extinguishing substances: direct water flow.

Statement. The data contained are based on the present state of knowledge and current legislation and are in accordance with the legislation in force at the time of document developing. The user is responsible for complying with the requirements of relevant regional legislation.