

Dagangan : ETHYLENE-VINYL ACETATE COPOLYMERS Nama Perdagangan : LSOH FR Compound (Low Smoke Halogen Free Crosslinkable Flame Retardant Compound) Jenama : COGEGUM Grade : GFR 340	Kod Tarif (Perintah Duti Kastam 2012) : 3901.30.00 00 (PDK 2017) Tarikh Kelulusan : 19 Mei 2017
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Keterangan barangan :

Barangan dinamakan *Ethylene-Vinyl Acetate LSOH FR COMPOUND (Low Smoke Halogen Free Crosslinkable Flame Retardant Compound)*, berjenama Cogegum, berbentuk butiran (*pallets/granules*) berwarna putih bersaiz dalam lebih kurang 3 hingga 5mm seberat 25kg setiap bungkusan.

Berdasarkan maklumat pemohon, barangan digunakan untuk *cabl sheating for fire retardant*.

Berdasarkan *Material Safety Data Sheet* yang dikemukakan oleh pemohon, maklumat barangan adalah seperti berikut :

Physical State	<i>Solid</i>
Composition	<i>Base copolymers(EVA) >80 Aluminium or Magnesium Hydroxide ≤14 (CAS 21645-51-2; CAS 1309-42-8) Additives (Coupling agents, antioxidants) ≤ 6</i>
Colour	<i>White or slightly yellow (uncoloured product)</i>
pH	<i>-</i>
Boiling point	<i>Not applicable</i>
Melting Temperature	<i>100 - 160°C</i>

Berdasarkan *Technical Data Sheet* yang dikemukakan *physical/mechanical properties* barangan adalah seperti berikut :

<i>Description</i>	<i>Silane grafted compound moisture curable by addition of a EVA masterbatch (Sioplas® method).</i>
<i>Features</i>	<ul style="list-style-type: none"> ▪ <i>Crosslinkable</i> ▪ <i>Flame Retardant</i> ▪ <i>Halogen Free</i> ▪ <i>Low Smoke Emission</i> ▪ <i>Low Toxicity</i> ▪ <i>Self Extinguishing</i>
<i>Uses</i>	<ul style="list-style-type: none"> ▪ <i>Cable Jacketing</i> ▪ <i>Low Voltage Insulation</i> ▪ <i>Wire & Cable Applications</i>
<i>Specific Gravity</i>	<i>1.34</i>

Analisis pakar mengesahkan seperti berikut:

- i. Sampel berupa pellet berwarna putih yang dipek dalam bungkusan plastik.
- ii. Hasil analisis, sampel didapati terdiri daripada ethylene-vinyl acetate copolymer dan 40.5% bahan inorganik yang kebanyakannya adalah magnesium oksida.

Ketetapan:

Ketua Pengarah Kastam Malaysia memutuskan barangan ini sesuai diperjeniskan di bawah kod tarif **3901.30.00 00 (PDK2017)** sebagai **Ethylene-Vinyl acetate copolymers, in primary forms** berdasarkan alasan-alasan berikut:

- Barangan dinamakan *Ethylene-Vinyl Acetate LSOH FR COMPOUND (Low Smoke Halogen Free Crosslinkable Flame Retardant Compound)*, berjenama Cogegum, berbentuk butiran (*pallets/granules*) berwarna putih bersaiz dalam lebih kurang 3 hingga 5mm seberat 25kg setiap bungkusan.
- Barangan digunakan untuk *cabl sheating for fire retardant*.
- Hasil analisa pakar, sampel didapati terdiri daripada *ethylene-vinyl acetate copolymer* dan 40.5% bahan inorganik yang kebanyakannya adalah magnesium oksida.
- Barangan berbentuk *in primary forms* yang mempunyai *specific gravity* 1.34 g/cm³.
- Memandangkan jabatan masih belum menerima EN HS2017 daripada WCO semasa laporan ini disediakan, maka rujukan dibuat berdasarkan EN HS2012.
- Barangan dalam bentuk *pallets/granules* adalah sesuai sebagai *primary forms* yang menepati keterangan Chapter Note 6 kepada Chapter 39 EN HS2012 di muka surat VII-39-2 seperti berikut :

Chapter 39

Plastics and articles thereof

Notes.

1.
2.

6. In headings 39.01 to 39.14, the expression "primary forms" applies only to the following forms:

- (a) Liquids and pastes, including dispersions (emulsions and suspensions) and solutions;
- (b) Blocks of irregular shape, lumps, powders (including moulding powders), **granules**, flakes and similar bulk forms.

Berdasarkan kepada keterangan barangan dan pengesahan pakar, komposisi bahan lain seperti magnesium oksida dan *other chemicals* merupakan bahan yang dibenarkan di dalam *ethylene-vinyl acetate copolymer* berdasarkan keterangan di dalam *General Notes* kepada *Chapter 39 EN HS2012* di muka surat *VII-39-11* seperti berikut :

GENERAL
Primary forms

Headings 39.01 to 39.14 cover goods in primary forms only. The expression "primary forms" is defined in Note 6 to this Chapter. It applies only to the following forms :

- 1)
- 2) Powder, granules and flakes. In these forms they are employed for moulding, for the manufacture of varnishes, glues, etc. and as thickeners, flocculants, etc. They may consist of the unplasticised materials which become plastic in the molding and curing process, or of materials to which plasticizer's have been added; these materials may incorporate fillers (e.g., wood flour, cellulose, textile fibers, mineral substances, starch), coloring matter or other substances cited in Item (1) above. Powders may be used, for example, to coat objects by the application of heat with or without static electricity.

Barangan adalah sesuai diperjeniskan di bawah heading 39.01 berdasarkan liputan di dalam EN HS2012 Chapter 39 di muka surat VII-3901-1 seperti berikut:

Chapter 39

Plastics and articles thereof

PRIMARY FORMS

39.01- Polymers of ethylene, in primary forms

3901.10 - Polyethylene having a specific gravity of less than 0.94

3901.20 -Polyethylene having a specific gravity of 0.94 or more

3901.30 -Ethylene-vinyl acetate copolymers

3901.90 - Other

This heading covers polyethylene and chemically modified polyethylene (for example, chlorinated polyethylene and chlorosulphonated polyethylene). It also covers ethylene copolymers (for example, ethylene-vinyl acetate copolymers and ethylene-propylene copolymers) in which ethylene is the predominant comonomer unit. For the classification of polymers (including copolymers), chemically modified polymers and polymer blends, see the General Explanatory Note to this Chapter.

Polyethylene is a translucent material having a very wide range of applications. Low-density polyethylene (LDPE), i.e., polyethylene having a specific gravity at 20 °C of less than 0.94 (calculated on an additive-free polymer basis), is used largely as a packaging film especially for food products, as coating for paper, fibreboard, aluminium foil, etc., as an electric insulator, and for the manufacture of various household articles, toys, etc. The heading also includes linear low-density polyethylene (LLDPE). High-density polyethylene (HDPE) is polyethylene having a specific gravity at 20 °C of 0.94 or more (calculated on an additive-free polymer basis). It is used in the manufacture of a variety of blow-moulded and injection-moulded articles, woven sacks, gasoline and oil containers, for the extrusion of pipes, etc. Applications of ethylene-vinyl acetate copolymers include snap-on caps, the lining of bag-in-box containers and stretch wrapping.

Berdasarkan struktur tarif Perintah Duti Kastam 2017, barangan mendapat liputan seperti berikut:

39.01 Polymers of ethylene, in primary forms

3901.10 - Polyethylene having a specific gravity of less than 0.94

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3901.20.00 00 - Polyethylene having a specific gravity of 0.94 or more

3901.30.00 00 - Ethylene-vinyl acetate copolymers

Gambar barangan :

