

Dagangan : SILICONE IN PRIMARY FORM	Kod Tarif (Perintah Duti Kastam 2012) :
Nama Perdagangan : Dow Corning JCR 6101UP	3910.00 000
Jenama : Dow Corning	Tarikh Kelulusan : 12 Mac 2015
Model : JCR 6101 UP	

Barangan merupakan sejenis cecair likat berwarna putih yang dipek dalam botol seberat 500g.

Berdasarkan kepada *Material Safety Data Sheet (MSDS)*, maklumat-maklumat berkaitan barangan adalah seperti:

<i>Composition on ingredients (hazardous component)</i>	<i>Methylhydrogen siloxane, Trimethylsiloxy-terminated : < 1.0% (CAS no : 63148-57-2)</i>
<i>Physical And Chemical Properties</i>	<i>Physical form : Viscous liquid Color : Translucent white Odor : Some odor Specific gravity : 1.05 Viscosity : 21,000cP Boiling point : >100°C</i>
<i>Chemical stability</i>	<i>Stable</i>

Barangan digunakan sebagai *encapsulant in semiconductor industry*.

Barangan sesuai diperjeniskan di bawah kod tariff **3910.00 000** sebagai **silicone in primary form** berdasarkan alasan-alasan berikut:

- Barangan merupakan sejenis cecair likat berwarna putih mengandungi *Dimethyl siloxane, dimethylvinyl-terminated, Trimethylated silica dan Methylhydrogen siloxane, Trimethylsiloxy-terminated* dimana *Trimethylated silica* merupakan sejenis *filler*.
- Barangan dikategorikan sebagai "*primary form*" berdasarkan keterangan dalam **Notes 6 kepada Chapter 39** dan EN HS 2012 muka surat VII-39-11 seperti berikut :

(i) **Chapter 39 - Plastics and articles thereof**

Notes

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;**

(ii) Keterangan dalam EN HS2012 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) **Liquids and pastes.** *These may be the basic polymer which requires "curing" by heat or otherwise to form the finished material, or may be dispersions (emulsions and suspensions) or solutions of the uncured or partly cured materials. In addition to substances necessary for "curing" (such as hardeners (cross-linking agents) or other co-reactants and stabilisers, fillers and colouring matter, chiefly intended to give the finished products special physical properties or other desirable characteristics. The liquids and pastes are used for casting, extrusion, etc., and also as impregnating materials, surface coatings, bases for varnishes and paints, or as glues, thickeners, flocculants, etc.*

- Hasil analisa pakar mendapati barangan terdiri daripada polydimethylsiloxane dimana polydimethylsiloxane ataupun dimethylpolysiloxane merupakan silicon.
- Berdasarkan kepada molecular struktur, *Polydimethylsiloxane* mempunyai **organic group** yang dihubung-terus dengan **Silicon atom (Si) dan mempunyai ikatan Si – O – Si.**
- Sehubungan itu, barangan sesuai diperjeniskan di bawah **heading 39.10** sebagaimana keterangan dalam EN HS 2012 muka surat VII-3910-1 seperti berikut:

39.10 - Silicones in primary forms.

The silicones of this heading are non-chemically defined products containing in the molecule more than one silicon-oxygen-silicon linkage, and containmg organic groups connected to the silicon atoms by direct sillcon-carbon bonds.

They have a high stability and may be either liquid, semi-liquid or solid. The products include silicone oils, greases, resins and elastomers