

<p>Dagangan : SILICONE IN PRIMARY FORMS</p> <p>Nama Perdagangan : Loctite SI 5913 Oil Resistant Silicone Known as Loctite@5913™ Flange Elant</p> <p>Jenama : Silicone Henkel Loctite</p>	<p>Kod Tarif (Perintah Duti Kastam 2012) : 3910.00.90 00 (PDK 2017)</p> <p>Tarikh Kelulusan : 01 Jun 2017</p>
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Keterangan barangan :

Barangan berupa pes berwarna kelabu yang dibungkus untuk jualan runcit dalam *pail* dengan berat 22.6kg. Barangan dinamakan sebagai Loctite SI 5913 Oil Resistant Silicone.

Berdasarkan maklumat pemohon, barangan berfungsi sebagai ***sealant to seal/bond the LED Panel/module for oil and water resistant.***

Maklumat mengenai **komposisi barangan** dalam *Material Safety Data Sheet (MSDS)* adalah seperti berikut:

Hazardous components	CAS Number	%
<i>Calcium carbonate</i>	471-34-1	30 – 60
<i>Butan 2-one O, O', O'' -(vinylsilylidyne) trioxime</i>	2224-33-1	1 – 5
<i>Aluminium</i>	7429-90-5	0.1 – 1
<i>Butanone oxime</i>	96-29-7	1 - 5

Non hazardous components

Silicone Resin 50-100%

Berdasarkan *Material Safety Data Sheet (MSDS)* yang dikemukakan, maklumat **Physical and Chemical Properties** adalah seperti berikut :

<i>Physical state</i>	<i>Paste</i>
<i>Color</i>	<i>Grey</i>
<i>Odor</i>	<i>Mild</i>
<i>Vapor pressure</i>	<i>< 5 mm hg (20°C (68°F))</i>
<i>Boiling point/range</i>	<i>Not applicable</i>
<i>Melting point/range</i>	<i>Not available</i>
<i>Specific gravity</i>	<i>1.34 at 20°C (68°F)</i>
<i>Vapor density</i>	<i>Heavier than air</i>
<i>Flash point</i>	<i>93°C (199.4°F) Tangliabue closed cup</i>
<i>Solubility in water</i>	<i>Polymerises in presence of water</i>
<i>VOC content</i>	<i>4.01% ; 53.7 g/l</i>

Analisis pakar mengesahkan seperti berikut ;

- (i) Sampel berupa pes berwarna kelabu yang dipek di dalam bekas plastik berbentuk silinder.
- (ii) Hasil analisis, sampel didapati terdiri terutamanya daripada campuran silicone (polydimethylsiloxane) dan kalsium karbonat.
- (iii) Barangan dicadangkan diperjeniskan di bawah kod tarif 3910.00 000.

Ketetapan

Ketua Pengarah Kastam Malaysia memutuskan barangan ini sesuai diperjeniskan di bawah kod tarif **3910.00.90 00 (PDK2017)** sebagai ***Silicones in primary forms*** berdasarkan alasan-alasan berikut:

- Barangan berupa pes berwarna kelabu yang dibungkus untuk jualan runcit dalam *pail* dengan berat 22.6kg.
- Hasil analisis pakar, sampel didapati terdiri terutamanya daripada campuran silicone (polydimethylsiloxane) dan kalsium karbonat.
- Fakta analisa pakar adalah selaras dengan maklumat *Material Safety Data Sheet (MSDS)* yang dikemukakan oleh pihak syarikat.
- Barangan **berfungsi sebagai sealant to seal/bond the LED Panel/module for oil and water resistant.**
- Berdasarkan kepada komposisi dan fizikal barangan yang berbentuk pes/paste, menepati terma '*primary form*' seperti di **Nota 3 dan 6** kepada **Chapter 39** di dalam EN mukasurat VII-39-1 seperti berikut :

Chapter 39

Plastics and articles thereof

Notes.

1 - 2

3.- Headings 39.01 to 39.11 apply only to goods of a kind produced by chemical synthesis, falling in the following categories :

- (a) Liquid synthetic polyolefins of which less than 60 % by volume distils at 300 °C, after conversion to 1,013 mi-libars when a reduced-pressure distillation method is used (headings 39.01 and 39.02);
- (b) Resins, not highly polymerised, of the coumarone-indene type (heading 39.11);
- (c) Other synthetic polymers with an average of at least 5 monomer units;
- (d) Silicones (heading 39.10);**
- (e) Resols (heading 39.09) and other prepolymers.

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),

▪ Berdasarkan MSDS barangan berbentuk *paste* dan *polymerises in presence of water*. Oleh yang demikian barangan dikategorikan sebagai *in dispersion*.

▪ Memandangkan jabatan masih belum menerima EN HS2017 daripada WCO semasa laporan ini disediakan, maka rujukan dibuat berdasarkan EN HS2012.

▪ Barangan mendapat liputan di dalam EN 2012 muka surat VII-3910-1:

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 containing organic groups connected to the silicon atoms by direct silicon-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.

(1) Silicone oils and greases are used as lubricants remaining stable at high or low temperatures, as water-repellent impregnating products, as dielectric products, as foam inhibitors, as mould release agents, etc. Lubricating preparations consisting of mixtures containing silicone greases or oils fall in heading 27.10 or 34.03 as the case may be (see corresponding Explanatory Notes).

(2) **Silicone resins are used mainly in the manufacture of varnishes, insulating or waterproof coatings, etc., where stability at high temperature is required. They are also used in the preparation of laminates with glass fibre, asbestos or mica as the reinforcing material, as flexible moulds and for electrical encapsulation.**

(3) Silicone elastomers, although not covered by the definition of synthetic rubber in Chapter 40, have some extensibility which is not changed by high or low temperatures. This property renders them suitable for manufacture into washers or other packings for appliances submitted to high or low temperatures. An application in the medical field is the manufacture of automatic drain valves used in cases of hydrocephalus.

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

39.01 - Polymers of ethylene, in primary forms

39.08 - Polyamides in primary forms.

39.09 - Amino-resins, phenolic resins and polyurethanes, in primary forms.

39.10 Silicones in primary forms

3910.00.20 00 - In dispersion and in solutions

3910.00.90 00 - Other

granules, flakes and similar bulk forms.