

<b>Dagangan</b> : VARNISHED BASED ON ACRYLATE	<b>Kod Tarif (Perintah Duti Kastam 2012) :</b>
Nama Perdagangan : Humiseal UV500	3208.20.90 00 (PDK 2017)
Model : Humiseal	<b>Tarikh Kelulusan</b> : 04 Mei 2017

**Keterangan barangan :**

Barangan dalam bentuk cecair likat berwarna jernih tidak berwarna yang dipek dalam metal seberat 1L , 5L atau 20 L. Barangan digunakan sebagai *protective coating for printed circuit board counter harsh environment such as high humidity regions, high temperature fluctuation conditions corrosive environment & etc .*

Berdasarkan keterangan dalam *Safety Data Sheet (SDS)* mengenai barangan adalah seperti berikut:

**(i) Identification of the substance/preparation:**

<i>Identification of the substance/preparation</i>	<i>HumiSeal UV500</i>
<i>Use of the substance/preparation</i>	<i>Protective Coating for Printed Circuit Board</i>
<i>Cas No.</i>	<i>Mixture</i>

**(ii) Composition / Information on Ingredients**

<b>Components</b>	<b>CAS #</b>	<b>Percent</b>
<i>Isoctyl acrylate</i>	<i>29590-42-9</i>	<i>20% – 40%</i>
<i>Aliphatic polyisocyanate</i>	<i>28182-81-2</i>	<i>2.5% - 10%</i>
<i>Tosyl isocyanate</i>	<i>4083-64-1</i>	<i>2.5% - 10%</i>
<i>Photoinitiator</i>	<i>Mixture</i>	<i>1% - 2.5%</i>
<i>Benzophenone</i>	<i>119-61-9</i>	<i>0.1% - 1%</i>
<i>Other components</i>	<i>-</i>	<i>60% - 80%</i>

**(iii) Physical and chemical properties**

<i>Physical state</i>	<i>Liquid</i>
<i>Color</i>	<i>Light yellow</i>
<i>Odor</i>	<i>Mild organic</i>
<i>Specific Gravity</i>	<i>1 – 1.1</i>
<i>Vapor pressure</i>	<i>0.12hPa estimated</i>
<i>Viscosity</i>	<i>350 - 450cP</i>

Maklumat mengenai *Typical Properties of Humiseal UV500* berdasarkan *Technical Data Sheet* adalah seperti berikut:

<i>Density</i>	<i>1.0 to 1.1g/cm3</i>
<i>Recommended Coating Thickness</i>	<i>25 – 125 microns</i>

Ketua Pengarah Kastam Malaysia memutuskan barangan tersebut sesuai diperjeniskan di bawah kod tarif **3208.20.90 00 (PDK 2017)** sebagai ***varnished based on acrylic polymer, dissolved in a non-aqueous medium*** berdasarkan alasan-alasan berikut:

- Berdasarkan maklumat dalam MSDS dan hasil analisa kimia adalah didapati barangan merupakan satu *preparation* yang terdiri daripada campuran pelarut organik termasuk octyl acrylate dan 74.9% bahan tidak meruap yang mengandungi campuran sebatian isocyanate dan sebatian acrylate.
- Cara penggunaan adalah dengan menyapu barangan ke permukaan *printed circuit board* dengan mengguna *brush* atau *selective coating machine* ataupun dengan cara *hand spraying & dipping* untuk membuat *coating layer* dimana *recommended coating thickness* adalah setebal 25 – 125 *microns*.
- Memandangkan jabatan masih belum menerima EN HS 2017 daripada WCO semasa laporan ini disediakan, maka rujukan dibuat berdasarkan EN HS 2012.
- Barangan adalah sesuai diperjeniskan di bawah **heading 32.08** berdasarkan keterangan dalam EN HS 2012 muka surat VI-3208-1 seperti berikut :

**32.08 - *Paints and varnishes (including enamels and lacquers) based on synthetic polymers or chemically modified natural polymers, dispersed or dissolved in a non-aqueous medium; solutions as defined in Note 4 to this Chapter.***

3208.10 - *Based on polyesters*

**3208.20 - *Based on acrylic or vinyl polymers***

3208.90 - *Other*

**(B) VARNISHES (INCLUDING LACQUERS)**

*Varnishes and lacquers of this heading are liquid preparations for protecting or decorating surfaces. They are based on synthetic polymers (including synthetic rubber) or chemically modified natural polymers (such as cellulose nitrate or other cellulose derivatives, novolacs or other phenolic resins, amino-resins, silicones, etc.) with added solvents and thinners. They form a dry, water-insoluble, relatively hard, more or less transparent or translucent, smooth, continuous film which may be glossy, matt or satiny.*

.....  
*The more common methods of applying paints, varnishes and lacquers are by use of a brush or roller. The main industrial methods used include spraying, dipping and machine-coating.*

- Barangan mendapat liputan dalam Perintah Duti Kastam 2017 seperti berikut:

<b>32.08</b>	<b>Paints and varnishes (including enamels and lacquers) based on synthetic polymers or chemically modified natural polymers, dispersed or dissolved in a non-aqueous medium; solutions as defined in Note 4 to this Chapter</b>
3208.10	- Based on polyesters: .....
<b>3208.20</b>	<b>- Based on acrylic or vinyl polymers:</b>
3208.20.40 00	- - Anti-fouling and/or anti-corrosive paints for ships' hulls
3208.20.70 00	- - Varnishes (including lacquers), of a kind used in dentistry
<b>3208.20.90 00</b>	<b>- - Other</b>
3208.90	- Other:

**Gambar barangan:**

