

Dagangan : SILICONES IN PRIMARY FORMS Nama Perdagangan : Sikasil (R) IG-25A Insulating Glass Jenama : Sika	Kod Tarif (Perintah Duti Kastam 2012) : 3910.00 000 Tarikh Kelulusan : 10 Januari 2017
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Keterangan barangan :

Barangan yang dinamakan sebagai Sikasil IG 25 Part A berupa *paste* berwarna putih. Ianya adalah bahan mentah yang akan di campurkan dengan Sikasil IG 25 Part B (black) untuk menghasilkan *sealant*. Kadar kuantiti barangan dalam *drum* seberat 260 kg.

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

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006
Sikasil® IG-25 Part A



Revision Date 21.04.2015

Version 1.0

Print Date 13.05.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Sikasil® IG-25 Part A

1.2 Relevant identified uses of the substance or mixture and uses advised against

At present there is no complete information available on identified uses. When the data becomes available, it will be integrated into the safety data sheet.

Product use : Sealant

1.3 Details of the supplier of the safety data sheet

Company : Sika Engineering Silicones S.r.l.
Via Einaudi 6
20068 Peschiera Borromeo (MI)
Telephone : +3902516591218
E-mail address : EHS_silicones@it.sika.com

1.4 Emergency telephone number

Emergency telephone number : CENTRO ANTIVELENI OSPEDALE NIGUARDA
02 66101029

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Type of product : Mixture

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : paste
Colour : various
Odour : odourless
Odour Threshold : No data available
Flash point : > 244 °C
Ignition temperature : Not applicable
Lower explosion limit (Vol%) : No data available
Upper explosion limit (Vol%) : No data available
Flammability (solid, gas) : No data available

Oxidizing properties	: No data available
Auto-ignition temperature	: No data available
pH	: No data available
Melting point/range / Freezing point	: No data available
Boiling point/boiling range	: No data available
Vapour pressure	: No data available
Density	: ca.1,39 g/cm ³ at 20 °C
Water solubility	: Note: insoluble
Partition coefficient: n-octanol/water	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: > 20,5 mm ² /s at 40 °C
Relative vapour density	: No data available
Evaporation rate	: No data available

Fungsi barangan sebagai salah satu bahan untuk membuat sealant Hasil barangan seperti gambarajah di bawah

Sikasil IG 25 Part A (white color)

+

Sikasil IG 25 Part B (black color) = silicone sealant

Gambar barangan seperti di bawah:



Hasil analisis mendapati mengandungi kebanyakannya terdiri daripada silicone, dan ethyl silicate.

Ketetapan:

Ketua Pengarah Kastam Malaysia memutuskan barangan ini sesuai diperjeniskan di bawah kod tarif **3910.00 000** sebagai ***silicones in in primary forms*** sebagai berdasarkan berdasarkan alasan:

- Analisis pakar mengesahkan barangan kebanyakannya terdiri daripada *silicone*, dan *ethyl silicate*.
- Barangan dalam bentuk *paste* menepati penerangan *primary forms*

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 accelerators), these liquids or pastes may contain other materials such as plasticisers, stabilisers, fillers and colouring matter, chiefly intended to ~~ve~~ 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

- *Ethyl silicate* berfungsi sebagai *filler* pada barangan.

Barangan mendapat liputan secara spesifik di dalam EN HS 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 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.