



# SAFETY DATA SHEET

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Revised edition no : 00

## P-584 SILICON EMULSION AP

Effective Date: 22.6.2020

### 1 Identification of the Product and the company

Chemical Name : Silicon Emulsion AP  
Type of product chemical family : N/A  
Use : Protectant and shine  
Producer : TLC-KOYA CHEMICALS MANUFACTURING SDN BHD  
No.22 & 23, Jalan Maju 1,  
Cemerlang Industrial Estate,  
81800 Ulu Tiram, Johor, Malaysia.  
Tel: 607-8675798 Fax: 607-8675799  
Website: www.koyachemicals.com Email: admin@koyachemicals.com

Emergency phone nr : See producer

### 2 Hazard Identification

Pictogram :



SIGNAL WORD: Danger

Serious eye damage or eye irritation

Category 1

Skin Sensitization

Category 1

Carcinogenicity

Category 1B

#### HAZARD STATEMENT / PENYATAAN HAZARD

H318: Causes serious eye damage

H317: May cause an allergic skin reaction

H350 May Cause cancer

#### Precautionary

statement prevention

- P201 Obtain special instruction before use  
Dapatkan arahan khas sebelum digunakan
- P202 Do not handle until all safety precautions have been read and understood  
Jangan mengendalikannya sehingga semua langkah keselamatan telah dibaca dan difahami
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
Elakkan daripada bernafaskan debu / wasap / gas / kabut / wap / semburan.
- P272 Contaminated work clothing shall not be allowed out of the workplace  
Pakaian kerja yang tercemar tidak dibenarkan keluar dari tempat kerja
- P280 Wear protective gloves/protective clothing/eye protection/face protection.  
Memakai peralatan perlindungan seperti sarung tangan/pakaian pelindung/mata dan pelindung muka.
- P281 Use personal protective equipment as required.  
Gunakan peralatan pelindung diri seperti yang diperlukan.
- P310 Immediately call a POISON CENTER or doctor/physician.  
Hubungi PUSAT RACUN atau doktor / pakar perubatan.
- P321 Specific treatment reference to supplemental first aid instruction  
Rujukan rawatan khusus untuk arahan pertolongan cemas tambahan

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P363	Wash contaminated clothing before reuse Basuh pakaian yang tercemar sebelum digunakan semula
P302 + P352	IF ON SKIN: Wash with plenty of soap and water JIKA PADA KULIT: Basuh dengan banyak sabun dan air
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. JIKA MATA: Bilas berhati-hati dengan air selama beberapa minit. Tanggalkan kanta lekap, jika ada dan mudah untuk dilakukan. Teruskan membilas.
P308 + P-313	IF exposed or concerned: Get medical advice/attention JIKA terdedah atau bimbang: Dapatkan nasihat / perhatian perubatan
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention Jika kerengsaan kulit atau ruam berlaku: Dapatkan nasihat / perhatian perubatan
P405	Store locked up Simpan terkunci
P501	Dispose of contents/container in accordance with local/regional/national/international regulation Menguruskan bahan / bekal menurut peraturan antarabangsa / tempatan / kawasan / negara

### 3 Composition / Information on Ingredients

Hazardous ingredients	: Polydimethylsiloxane emulsion 100%
	CAS No.: Mixture
Active Ingredients	: 100%

### 4 First Aid Measures

Inhalation	: No emergency care anticipated.
Skin Contact	: Wear protective gloves/protective clothing/eye protection/face protection.
Eye Contact	:Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Notes to Physician	: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

### 5 Fire-Fighting Measures

Fire Hazard	- Product is water based and in wet form, its fire hazard is low. The dried product is combustible, decomposition products can be toxic.
Extinguishing media	- Non-flammable (aqueous solution) After water evaporates, the remaining material will burn. Use alcohol-type or all-purpose-type foams applied by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.

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### 6 Accidental Release measures

- Personal protection : - Wear PVC-gloves and goggles to contain spillage.  
Avoid repeated skin contact.
- Environment precautions : - Prevent the product contaminating soil and groundwater. Prevent the product entering sewers and waterways.  
Cfr.Section 12.
- Cleaning / recovery : - Large spillages : contain and pump into containers  
- Small spillages : absorb on sand, earth...and collect into containers for disposal. Disposal should always comply with local, national or EEC regulations. Cfr.Section 13.

### 7 Handling and Storage

- Handling : Good industrial and personal hygiene practice should be followed. No eating and drinking in the workplace. Ensure adequate ventilation.
- Storage : Storage temperature : > +4°C  
Protect from frost and direct sunlight.  
Drums and bottles : material is plastic or steel.  
Bulk tanks : stainless steel, plastic coated materials... Clean bulk tanks periodically to prevent accumulation of bacteria.
- Specific use : Use the best available methods of handling our Products whereby the employees enjoy maximum safety and whereby the environment is minimally affected.

### 8 Exposure controls / personal protection

- Exposure limit values : No danger in normal ambient conditions.  
There are no specific limiting values for professional exposure.  
There are no biological limiting values.  
User should determine the conditions for safe use of the product. Cfr. Section 7 "Handling and Storage".
- Exposure controls:
- Occupational exposure controls : Respiratory protection : not applicable  
Hand protection : waterproof PVC-gloves (CE)  
Eye protection : goggles or safety glasses (CE)  
Skin protection : N/A  
Avoid repeated skin contact.
- Environmental exposure controls : The product must not be discharge directly into drains or waterways without treatment.

### 9 Physical and chemical properties

- Colour : Milky white
- Odour : Odourless
- Boiling Point : Mixture >100°C at 1013 hpa
- Freezing Point : (estimated) <0°C
- Specific Gravity (H<sub>2</sub>O=1) : (estimated) 0.971 at 25°C
- Solubility in water : Dispersible

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### 10 Stability and reactivity

Conditions to avoid : Stable under the recommended storage conditions. Cfr. Section 7 "Storage".  
Bacterial degradation can occur if the Product is stored for an unusually long period or is stored under unsuitable conditions.

Materials to avoid : N/D

Hazardous decomposition products : N/D

### 11 Toxicological information

On product : Low toxicity is indicated by available data.  
Under normal industrial conditions, there is no indication that the Product can be considered as a health risk.  
Skin contact should be avoided to prevent possible long-term or short-term sensitisation.

### 12 Ecological information

Ecotoxicity : The Product is soluble with water and as such could cover considerable distances if spilled into waterways. Even a small spillage will whiten the appearance of water. Water for sewage treatment, that has been contaminated.  
with small quantities of the Product, will not affect the biomass. High concentrations may be harmful to fish and micro organisms.

Mobility : Not established.

Persistence and degradability : There is only a slow environmental degradation of the Product.

Bioaccumulative potential : There is seemingly no tendency for bioaccumulation.

Other adverse effects : Unknown

### 13 Disposal Considerations

- The following advice only applies to the product as supplied
- Combination with other materials may well indicate another route of disposal. If in doubt, contact local TLC-KOYA CHEMICALS MANUFACTURING SDN BHD or local authorities.
- Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor.
- Care should in any case be taken to ensure compliance with national and local regulations.
- This product is not suitable for disposal by either landfill or via municipal sewers, drains, and natural streams, rivers or seas, they will effect the relationship between livings things, plants and their environment.

### 14 Transport information

General information : This Product is not regulated for road/rail & sea transport.

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### 15 Regulatory Information

Classification and labeling	: Classification /symbol - not regulated
Governing directive	: Occupational Safety and Health (Classification, Packaging and Labeling of Hazardous Chemicals) Regulations 1997
Safety advice	: (May contain information in excess of requirements under applicable laws. S23 Do not breathe gas/fumes/vapor/spray S24 Avoid contact with skin S33 Take precautionary measures against static discharges S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### 16 Other information

Further information	: None
Print date	: 22.6.2020

N/A - Not Applicable      N/D - Not Determined

All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from data or test results obtained by us, are based on the current state of our knowledge at the time such recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding such recommendations, the user is responsible to determine that the product as supplied by us, is suitable for the process or purpose he intends to use it. The user of the product is solely for compliance with all laws and regulation applying to the use of the product. Since we cannot control the application, use or processing of the products, we do not accept responsibility therefore. The user shall ensure that the intended use of the products will not infringe in any party's intellectual property rights.

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