



(1) CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
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1.1 Product Details

Product Name : Mold Wetting Compound
 Trade Name : Elastowet – α
 Manufacturer's Code: EVL-8100
 Use : Mold conditioning compound

1.2 Company Identification

Manufacturer's Name : Cape Technology Sdn. Bhd.
 Manufacturer's Address : Plot 25, Bayan Lepas Industrial Estate,
 Non-FTZ, Phase 4, 11900 Bayan Lepas,
 Penang, Malaysia.
 Distributor's Name : Cape Technology Sdn. Bhd.
 Distributor's Address : Plot 25, Bayan Lepas Industrial Estate,
 Non-FTZ, Phase 4, 11900 Bayan Lepas,
 Penang, Malaysia.
 Tel. No. : +6-04-642 6363
 Emergency Tel. No. : +6-04-642 6363

1.3 Contact Point

Designation : Managing Director
 Tel. No. : +6-04-642 6363

(2) COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name / Chemical Group</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Elastomer	Blend of rubbers	55-60
Precipitated Silica	112926-00-8	24-27
Wax	Trade secret	7-10
Curing Agent	78-63-7	0.9-1.1

(3) PHYSICAL AND CHEMICAL PROPERTIES

Apperance : Grey Solid Strips
 Odour : Mild
 pH : Mild alkaline
 Solubility : Not soluble in water
 Boiling Point : Not applicable
 Melting Point : Not applicable
 Crystalline point ($^{\circ}\text{C}$) : Not applicable
 Vapour Pressure (mm of Hg at 25°C) : Not applicable
 Percentage Volatiles : Not applicable
 Evaporation Rate : Not applicable
 Vapour Density : Not applicable
 Specific Gravity : 1.1 – 1.3
 Flash Point : Not applicable
 Autoignition Temperature : Not applicable
 Flammable limit (%) : Not applicable
 Explosive/oxidizing properties : Not to be expected

(4) HAZARD IDENTIFICATIONMost important hazards

Causes irritation
Harmful if swallowed

(5) FIRST AID MEASURES

Ingestion : Induce vomiting. Get medical attention immediately.
 Eye contact : Immediately flush with plenty of water for at least 15 minutes.
 Get medical attention.
 Skin contact : Immediately flush with plenty of water for at least 15 minutes.
 Get medical attention.
 Inhalation : Remove victim to fresh air. If breathing is difficult,
 give oxygen.

(6) FIRE FIGHTING MEASURES

Extinguishing Media : Small fire: use dry chemical, foam or CO₂
 Large fire: use water spray
 Fire Fighting Instruction : Shut off fuel to fire if it is possible to do so without hazard.
 For small out door fires, portable fire extinguishers may be used, and self contained breathing apparatus (SCBA) may not be required. Respiratory and eye protections are required for fire fighting personnel.
 Special hazards : COx and NOx as possible decomposition products.
 Notes to physician : This product may burn, but does not readily ignite.

(7) ACCIDENTAL RELEASE MEASURES

Leak / Spill : Transfer product to suitably labeled containers for recovery or disposal.
 Report as per regulatory requirements.

(8) HANDLING AND STORAGE

Handling : No special precaution is necessary. Observed good industrial housekeeping practices as for any rubber material.
 Storage : Keep in cool (air-condition room temperature) & dry place away from excessive heat and humidity.

(9) EXPOSURE CONTROL AND PERSONAL PROTECTIONa. Exposure Limit

Chemical Name	Standards*	Reference
Elastomer	N.E.	OSHA, ACGIH
Precipitated Silica	10mg/m ³	DOSH
Amines	N.E.	OSHA, ACGIH
Titanium dioxide	10mg/m ³	DOSH
Curing agent	N.E.	OSHA, ACGIH

*NOTE: * Eight-hour time-weighted average exposure unless stated otherwise*

N.E. – Not Established

OSHA – Occupational Safety and Health Act

ACGIH – American Conference of Government Industrial Hygienists

DOSH – Department of Occupational Safety and Health, Malaysia

b. Ventilation

Use general or local exhausts ventilation to meet exposure limit requirements.

c. Personal Protection

Eye/skin protection : Safety goggles & cotton gloves are recommended.
 Respiratory Protection : Not required where adequate ventilation conditions exist but face mask is advised. If airborne concentration exceeds exposure level, a high efficiency particulate respirator is recommended.

(10) STABILITY AND REACTIVITY

Stability : Stable under ordinary conditions of use and storage.
 Conditions to avoid : Excess heat, flame and sources of ignition
 Incompatibles : Water, acid, base, hydrocarbon solvent and oil
 Decompositions Products : Oxide of carbon, nitrogen
 Hazardous polymerization : Will not occur

(11) TOXICOLOGICAL INFORMATIONToxicity Data

No data

Carcinogenicity

No data

Reproductive Effect

No data

Effects of overexposure

<i>Route of Entry</i>	<i>Effects</i>
Inhalation	May cause nausea, vomiting, dizziness, and irritation of respiratory with coughing and difficult breathing.
Skin contact	Irritation.
Eye Contact	May cause irritation if direct contact.
Ingestion	Harmful if swallowed. May cause nausea and vomiting. May cause irritation and burning to stomach.

Chronic Effects

No data

Target Organs

Respiratory system, eyes and skin.

(12) ECOLOGICAL INFORMATION

Mobility : Not miscible in water
 Bioaccumulation : Low bioconcentration factor (BCF)
 Biodegradability : Not biodegradable.
 Aquatic Toxicity : No information found.
 Environmental Toxicity : No information found

(13) DISPOSAL INFORMATION

Disposal of waste to be carry out at the city, state or federally permitted disposal facility. Handle in accordance with applicable regulations and/or local authorities.

(14) TRANSPORTATION INFORMATION

DOT Shipping Name: Not hazardous per DOT guidelines.
Please refer to local transportation regulations.

(15) REGULATORY INFORMATION

- a. Proposed classification : Irritant
- b. *Risk Phrase*
R22 Harmful if swallowed
R36/38 Irritating to eyes and skin
- c. *Safety Phrases*
S37/39 Wear suitable gloves and face protection

(16) OTHER INFORMATION

PRECAUTIONARY LABELLING

BAKER SAF-T-DATA (TM) SYSTEM

HEALTH	-	1	SLIGHT
FLAMMABILITY	-	1	SLIGHT
REACTIVITY	-	2	MODERATE
CONTACT	-	2	MODERATE

HAZARD RATING ARE 0 TO 4 (0 = NO HAZARD; 4 = EXTREME HAZARD)

LABORATORY PROTECTIVE EQUIPMENT

Safety Glasses, Cotton Glove, Dust Mask

SAF-T-DATA (TM) STORAGE COLOR CODE : ORANGE (GENERAL STORAGE)

OTHER INFORMATION : NO DANGEROUS GOOD

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