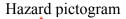
CAPE CREATIVE ADVANCED POLYMER ENGINEERING

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Date of Issue: 27 February 2015 Revised Date: 31 Mar 2017

(1) CHEMICAL PRODUCT AND COMPANY IDENTIFICATION 1.1 Product Details Product Name : Rubber Mold Cleaning Compound : Rubclean – α Trade Name Manufacturer's Code : RVL-8100 : Rubber Mold Cleaning Compound Use 1.2 Company Identification Manufacturer's Name : Cape Technology Sdn. Bhd. : Plot 25, Bayan Lepas Industrial Estate, Manufacturer's Address Non-FTZ, Phase 4, 11900 Bayan Lepas, Penang, Malaysia. Tel. No. : +6-04-642 6363 Fax. No : +6-04-642 6369 Email : sales@cape.com.my http://www.cape.com.my 1.3 <u>Emergency Telephone</u> : Managing Director Designation Tel. No. : +6-04-642 6363

(2) HAZARD IDENTIFICATION





Signal word: Warning Most important hazards: Harmful if swallowed – Category 4 (oral) Causes skin and eye irritation – Category 2

(3) COMPOSITION / INFORMATION ON INGREDIENTS			
Chemical Name	CAS	Proportion (%)	Exposure Limit
Elastomer	9003-18-3	55	Not established
Precipitated Silicate	1344-00-9	36	Not established
Monomethylamine	141-43-5	6	Not established
Titanium Dioxide	13463-67-7	2	Not established
Curing Agent	78-63-7	1	Not established

(4) 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

(5) FIRE FIGHTING MEASURES		
Extinguishing Media	: Small fire: use dry chemical, foam or CO ₂ 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.	

(6) ACCIDENTAL RELEASE MEASURES

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

(7) 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.

(8) EXPOSURE CONTROL AND PERSONAL PROTECTION

a. 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.

Apperance	: White to yellowish solid in strip form
Odour	: Mild
Odor Threshold	: Not applicable
рН	: Mild alkaline
Melting Point	: Not applicable
Boiling Point	: Not applicable
Flash Point	: Not applicable
Evaporation Rate	: Not applicable
Flammability	: Not applicable
Flammable limit (%)	: Not applicable
Vapour Pressure (mm of Hg at 25°C)	: Not applicable
Solubility	: Not soluble in water
Vapour Density	: Not applicable
Relative Density	: 1.1 – 1.3
Partition coefficient of n-octanol/ water	: Not applicable
Auto ignition Temperature (°C)	: Not applicable
Decomposition Temperature (°C)	: Not applicable
Viscosity	: Not applicable
Molecular weight	: Not available

(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 INFORMATION

<u>Toxicity Data</u> No data

Carcinogenicity No data

<u>Reproductive Effect</u> No data

Effects of overexposure

Route of Entry	Effects
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

<u>Target Organs</u> 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

Land transport ADR/RID (cross-border) ADR/RID Class: Not Regulated.

Maritime transport IMDG IMDG Class: Not Regulated

Air transport ICAO-TI and IATA-DGR ICAO/IATA Class: Not Regulated

(15) REGULATORY INFORMATION

This product has been adopted according to the GHS of Classification and Labeling of Chemicals worldwide, and the SDS contains all required information.

(16) OTHER INFORMATION

a. Proposed classification: Irritant

b. Hazard statement

H302 Harmful if swallowed H315/320 Irritate to eyes and skin

c. Precautionary statement

- P280 Wear suitable gloves and face protection
- P338 Removes contact lenses, if present and easy to do. Continue rinsing
- P351 Rinse cautiously with water for several minutes
- P352 Wash with plenty of soap and water

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