

SDS: DAVCO CARBORUNDUM TOP COAT (PART B)

## SAFETY DATA SHEET

### 1. IDENTIFICATION

PRODUCT NAME	DAVCO CARBORUNDUM TOP COAT (PART B)
CHEMICAL FAMILY	Polyisocyanate
EMERGENCY CONTACT	Sika (Singapore) Pte Ltd. 28 Tuas South Avenue 8 Singapore 637648 Telephone: +65-68610632

### 2. HEALTH HAZARD IDENTIFICATION

#### ACUTE

**EYES** Eye irritation where signs and symptoms may include a burning sensation, redness, swelling, and/or blurred vision.

**SKIN** May cause skin irritation. Skin irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blisters.

**INHALATION** Slightly irritating to respiratory system where signs and symptoms may include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing.

**INGESTION** May cause upset or irritation to the digestive system.

**CHRONIC** No specified information available.

### 3. INGREDIENTS

<u>COMPONENT</u>	<u>% BY WT</u>
Aliphatic Poyisocyanate	> 50 %
Additives	< 50 %

Page 1 of 5

SIKA (SINGAPORE) PTE LTD.

28 Tuas South Avenue 8 • Singapore 637648

Phone: (65) 6861 0632 • Fax: (65) 6862 3915 • www.sika.com.sg

Co. &amp; GST Reg. No.: 200005099M



**BUILDING TRUST**



SDS: DAVCO CARBORUNDUM TOP COAT (PART B)

#### **4. FIRST AID MEASURES**

<b>EYES</b>	Hold and open eye lid and rinse with plenty of water for 15 min, and consult a doctor.
<b>SKIN</b>	Wash affected area with soap and water, consult doctor if effects persist.
<b>INHALATION</b>	Move to fresh air and rest, consult doctor if effects persist.
<b>INGESTION</b>	Do not induce vomiting. Wash mouth and lips with water and seek medical attention.
<b>ADVICE TO PHYSICIAN</b>	Causes central nervous system depression. Potential for chemical pneumonitis. Consider gastric lavage with protected airway, administration of activated charcoal.

#### **5. FIRE FIGHTING MEASURES**

<b>FLASH POINT</b>	45°C
<b>FLAMMABLE LIMIT LOWER UPPER</b>	Not Available Not Available
<b>EXTINGUISHING MEDIA</b>	Foam, CO <sub>2</sub> , Dry chemical, <b>WATER NOT SUITABLE</b>
<b>SPECIFIC HAZARDS</b>	Vapour is heavier than air, spreads along the ground and distant ignition is possible.

#### **6. ACCIDENTAL RELEASE MEASURES**

Avoid direct skin or eye contact. Do not breathe gas. Contain and collect the spilt material using absorbent material. Transfer the recovered material into containers for disposal. Wash contaminated area with. Do not allow material to enter drainages or waterways.

Page 2 of 5

**SIKA (SINGAPORE) PTE LTD.**

28 Tuas South Avenue 8 • Singapore 637648

Phone: (65) 6861 0632 • Fax: (65) 6862 3915 • [www.sika.com.sg](http://www.sika.com.sg)

Co. & GST Reg. No.: 200005099M





**Davco**

**BUILDING TRUST**



SDS: DAVCO CARBORUNDUM TOP COAT (PART B)

## 7. HANDLING AND STORAGE

### HANDLING

Avoid contact with material and avoid breathing vapours. Use in well ventilated areas. Avoid contact with water or humidity. Wash thoroughly after handling. Electrostatic charges maybe generated during pumping. Electrostatic discharge may cause fire. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Restrict line velocity during pumping in order to avoid generation of electrostatic discharge. Avoid splash filling. Do not use compressed air for filling, discharging, or handling operations.

### STORAGE

Keep containers tightly closed and store in a dry and well ventilated area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ENGINEERING CONTROL

Use adequate ventilation to avoid high vapour concentrations

### PERSONAL PROTECTION

When using a spray-gun, wear: Self-contained breathing apparatus. Wear only a European Standard EN149 or N95 NIOSH certified respirator, safety glasses with side-shield (frame goggles) (EN166), chemical resistant apron and boots. Suitable safety gloves according to EN420 or suitable chemical resistance safety gloves according to EN374. Always wash hand before eating, drinking or visiting the toilet.





**Davco**

**BUILDING TRUST**



SDS: DAVCO CARBORUNDUM TOP COAT (PART B)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Liquid
<b>ODOUR</b>	Characteristic
<b>NON VOLATILE BY WT.</b>	55.5 – 58.5 %
<b>pH</b>	N. A. (reacts with water)
<b>SOLUBILITY IN WATER</b>	Reacts
<b>FREEZING POINT</b>	Not Determined
<b>BOILING POINT</b>	Not Determined
<b>FLASH POINT</b>	Not Determined
<b>AUTO FLAMMABILITY</b>	Not Determined
<b>EXPLOSIVE LIMITS</b>	Not Determined
<b>VAPOUR PRESSURE</b>	Not Determined
<b>SPECIFIC GRAVITY</b>	Approx. 1.1
<b>VAPOUR DENSITY</b>	> 1

## 10. STABILITY AND REACTIVITY

<b>STABILITY</b>	Stable at normal temperatures.
<b>MATERIALS AND CONDITIONS TO AVOID</b>	Reacts with alcohols, amines, bases, water and aqueous solutions, protic solvents with release of CO <sub>2</sub> and hence risk of a pressure build-up in confined areas.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Carbon dioxide and nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

This product is not considered a carcinogen.

## 12. ECOLOGICAL INFORMATION

This material is not known as biodegradable. May be harmful to environment

## 13. DISPOSAL CONSIDERATIONS

This preparation is not classified as special waste under the Singapore control of pollution. Consult local regulations before disposal.



**Davco**

**BUILDING TRUST**



SDS: DAVCO CARBORUNDUM TOP COAT (PART B)

#### 14. TRANSPORT INFORMATION

<b>UN Number</b>	3272
<b>Class</b>	3
<b>Packaging</b>	III

#### 15. REGULATORY INFORMATION

<b>Classification / Symbol</b>	Irritant / Xi
<b>Classification / Symbol</b>	Flammable / F
<b>Classification / Symbol</b>	Dangerous for the environment (no symbol)

#### 16. OTHER INFORMATION

The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. Any suggestion and recommendations made are without guarantee and liability since conditions of use are beyond our control. Appropriate warning and safe handling procedures should be provided to all those who handle and use the product and no liability can be accepted for any loss, injury or damage resulting from its use.

N. A. = Not Applicable

**Date of Issue : July 2017 (Rev.00)**

Page 5 of 5

**SIKA (SINGAPORE) PTE LTD.**

28 Tuas South Avenue 8 • Singapore 637648

Phone: (65) 6861 0632 • Fax: (65) 6862 3915 • [www.sika.com.sg](http://www.sika.com.sg)

Co. & GST Reg. No.: 200005099M

