

SDS: DAVCO K10 POLYURETHANE (PU)

SAFETY DATA SHEET

1. IDENTIFICATION

PRODUCT NAME	DAVCO K10 POLYURETHANE (PU)
CHEMICAL FAMILY	Polyurethane Liquid Membrane
EMERGENCY CONTACT	ParexGroup Pte Ltd 28 Tuas South Avenue 8 Singapore 637648 Telephone: 65-68610632

2. HEALTH HAZARD IDENTIFICATION

THIS MATERIAL IS AN IRRITANT AND IS FLAMMABLE.

EYES	High vapour concentration can cause eye irritation
SKIN	May cause irritation and redness. May aggravate an existing dermatitis condition.
INHALATION	High vapour concentrations are irritating to respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness and unconsciousness, and other central nervous system effects.
INGESTION	Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury.
<u>CHRONIC</u>	No specified information available.

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3. INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>PROPORTION</u>	
Urethane Resin	Medium	
Aromatic Solvent	Medium	
Bitumen	Medium	
Additives	Low	
High - > 60%	Medium – 10 – 60%	Low - < 10%

4. FIRST AID MEASURES

EYES	Hold and open eye lid and rinse and irrigate with plenty of water for 20 min, and consult a doctor
SKIN	Wash off with soap and water. Remove contaminated clothing. If irritation persists, seek medical attention.
INHALATION	Move to fresh air and rest. Consult doctor if effects persist.
INGESTION	Do not induce vomiting. Keep at rest. Seek medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT	27.2 ⁰ C (closed cup)
FLAMMABLE LIMIT	
LOWER	Not Available
UPPER	Not Available
EXTINGUISHING MEDIA	Foam, CO ₂ , Dry chemical.
SPECIAL FIRE FIGHTING PROCEDURE	Do not use water in a jet. Wear breathing apparatus

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6. ACCIDENTAL RELEASE MEASURES

Avoid direct skin or eye contact. Stop pedestrians from walking through the spill. Contain and collect the spilt material using sand, earth or other absorbent material. Transfer the recovered material into containers for disposal. Do not allow material to enter drainages or waterways.

7. HANDLING AND STORAGE

HANDLING	Avoid contact with eyes, skin and clothing. Keep away from children.
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	Precaution should be taken to avoid skin or eye contact or swallowing the product. When handling or mixing the product, avoid inhaling vapour. 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Black liquid
ODOUR	Aromatic
NON VOLATILE BY WT.	Approx. 80 %
pH	N. A.
SOLUBILITY IN WATER	Insoluble
VISCOSITY	Not Determined
FREEZING POINT	Not Determined
BOILING POINT	Not Determined
VAPOUR PRESSURE	Not Determined
SPECIFIC GRAVITY	Approx. 1.25
VAPOUR DENSITY	Not Determined

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10. STABILITY AND REACTIVITY

STABILITY	Stable at normal temperatures.
MATERIALS AND CONDITIONS TO AVOID	Strong oxidizing agents. Direct sun and naked flame and ignition
HAZARDOUS DECOMPOSITION PRODUCTS	Products of combustion are oxides of carbon

11. TOXICOLOGICAL INFORMATION

INGESTION	Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury.
INHALATION	High vapour concentrations are irritating to the eyes and respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness and unconsciousness, and other central nervous system effects.
SKIN CONTACT	Moderate systemic toxicity through the skin
EYE CONTACT	Will cause transient discomfort and irritation.

12. ECOLOGICAL INFORMATION

This material is not known as biodegradable.

13. DISPOSAL CONSIDERATIONS

This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers.

Empty drums should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor.

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14. TRANSPORT INFORMATION

UN Number	1307
IMO Class	3.3
ICAO/IATA Class	3
PSA Group	2S
Proper Shipping Name	Xylenes

15. REGULATORY INFORMATION

Classification / Symbol	Highly Flammable / F
Classification / Symbol	Harmful / Xn

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

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