



Material SAFETY DATA SHEET

Strongcoat PA500 - Base

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Strongcoat PA500 - Base**

Description: Polyaspartic aliphatic flooring System

Manufacturer: **Don Construction Products**

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www.dcp-int.com

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MSDS Number: DCP/05/08/127-B

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	methylenedicyclohexane-4,1, 2-methylpropylidene, deithyl fumarate.			
Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
methylenedicyclohexane-4,1	Xi	R43, 52	136210-30-5	< 90
2-methylpropylidene	C, Xi	R35, 43	54914-37-3	< 5
Deithyl fumarate	Xi	R22, 37/38	623-91-6	< 5

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Harmful if swallowed.
Causes severe burns.
Irritating to skin and respiratory system.
May cause sensitization by skin contact.
Harmful to aquatic organisms.

Classification: C, Xi. R22, 35, 37/38, 43, 52

4: FIRST AID MEASURES

Eyes:	Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention urgently.
Skin:	Wash immediately with soap and water or suitable skin cleanser. Remove contaminated clothes and shoes. Obtain medical advice if skin disorders develop.
Inhalation:	Remove from exposure, obtain medical attention if respiratory irritation develops or if breathing becomes difficult.
Ingestion:	Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting. Obtain medical attention. Beware of aspiration if vomiting occurs.

5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup):	Not applicable.
Extinguishing Media:	Carbon dioxide, powder, foam or water.
Personal Protective Equipment:	Self-contained breathing apparatus.
Special Exposure Hazards:	Nitrogen oxides, carbon monoxides, hydrogen cyanide.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak up with inert absorbent such as sand. Gather into labeled containers. Dispose off as applicable regulations.

7: HANDLING AND STORAGE

Handling:	Maintain good standards of personal hygiene. Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation.
Storage:	Keep container tightly closed in a cool dry area.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection:	Safety glasses/goggles.
Skin Protection:	Impervious gloves (e.g. PVC). Suitable protective clothing.
Respiratory Protection:	Organic chemical cartridge respirator, if needed.
Hygiene Measures:	Change contaminated clothing and clean before re-use.
Engineering Controls:	Ensure adequate ventilation.
Exposure Guidelines:	None assigned.

9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Viscous
Colour:	Transparent
Odour:	Amine-like
pH (concentrate):	Not applicable
Boiling Point (°C):	Not applicable
Flash Point (closed cup) (°C):	Not applicable
Autoflammability (°C):	Not determined
Explosive Properties (%):	Not Known
Vapor Pressure (KPa @20°C):	Not Known
Relative Density (@20°C):	1.05 – 1.09
Water Solubility:	Not Known

10: STABILITY AND REACTIVITY

Stability:	Stable: under normal ambient conditions.
Conditions to Avoid:	Excessive heating.
Chemical Incompatibility:	None Known.
Hazardous Decomposition Products:	No dangerous reactions known if used as directed.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.
Acute Oral effect LD50 > 5000 mg/kg.
Classified as moderate sensitizer.

Health Effects

On Eyes:	Slight irritation (rabbit).
On Skin:	Moderate irritation (rabbit).
By Inhalation:	May cause respiratory irritation.
By Ingestion:	May cause irritation of mouth, throat and digestive tract.
Chronic:	Repeated and prolonged skin contact may lead to skin disorders.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed as intended, no adverse environmental effects are foreseen.
Mobility:	Viscous liquid. Insoluble in water.
Degradability:	Not known.
Bioaccumulation:	Not expected to be bioaccumulate.
Acute Fish Toxicity:	Ecotoxic to fish/daphnia/algae.

13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose off through an authorized waste contractor to a licensed site.
Used/ Contaminated Product:	As for unused product.
Packaging:	Must be disposed off through an authorized waste contractor.

14: TRANSPORT INFORMATION



UN Number:	2735
Transport Name:	Environmentally hazardous substance, liquid n.o.s (Epoxy resin).

Transport Type:		Class:	Pack Group:	Marine Pollutant
At Sea	IMO	8	III	No
Air Transport	IATA/ICAO	8	III	
At land	RID/ADR	8	III	

15: REGULATORY INFORMATION

Hazard Label Data:

C



Corrosive

Xi



Irritant

UN Number:

2735

Risk Phrases:

R22

Harmful if swallowed.

R35

Causes severe burns.

R37/38

Irritating to skin and respiratory system.

R43

May cause sensitization by skin contact.

R52

Harmful to aquatic organisms.

Safety Phrases:

S24/25

Avoid contact with skin and eyes.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39

Wear suitable gloves and eye/face protection.

16: OTHER INFORMATION

Issue Date:

17.02.2021

Revised Date:

Disclaimer:

The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.