



SAFETY DATA SHEET

GRIPDECK WEARCOAT PLUS HARDENER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME GRIPDECK WEARCOAT PLUS HARDENER
 INTERNAL ID GRIPDECK WCPLUSH/3
 APPLICATION Component of Car Park Decking Repair System
 SUPPLIER Don Construction Products Ltd.,
 Churnetside Business Park,
 Station Road,
 Cheddleton,
 Staffordshire ST13 7RS
 For technical and non-emergency call:
 phone: 01538 361799
 For advice on medical emergencies,
 fires, spillages or chemical hazards
 phone: +44(0) 870 190 6777
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
HEXAMETHYLENE-DI-ISOCYANATE	212-485-8	822-06-0	0.2-0.5%	T;R23 R42/43 Xi;R36/37/38

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

Polyisocyanate pre-polymer

3 HAZARDS IDENTIFICATION

Irritating to eyes and skin. May cause sensitisation by skin contact.

CLASSIFICATION Xi;R36/38. R43.

ENVIRONMENT

In the presence of water the product hardens to a solid mass which is not biodegradable.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention.

INGESTION

Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting. Get medical attention.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Immediately rinse with water. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide or dry powder.

SPECIFIC HAZARDS

By fire, toxic gases may be formed (COx, NOx). Hydrogen cyanide (HCN).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

GRIPDECK WEARCOAT PLUS HARDENER**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Use protective gloves, goggles and suitable protective clothing. Avoid contact with skin and eyes. In case of inadequate ventilation, use respiratory protection.

ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Dam and absorb spillage with damp sand, sawdust or other suitable absorbent material. Transfer to a container for disposal. Do not close container tightly. Risk of excess pressure build-up. Keep damp in a safe well ventilated area for several days

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Avoid contact with skin and eyes. Avoid inhalation of vapours. Provide good ventilation.

STORAGE PRECAUTIONS

Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in tightly closed original container in a cool, dry well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
HEXAMETHYLENE-DI-ISOCYANATE	WEL		0.02 mg/m3(Sen)		0.07 mg/m3(Sen)

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

In the case of hypersensitivity of the respiratory tract (eg asthmatics and those who suffer from chronic bronchitis) it is inadvisable to work with this product. In case of inadequate ventilation use a respirator suitable for organic vapours. Consult respirator manufacturer for specific advice.

HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash. Nitrile gloves to BSEN374 are recommended. Break through times can vary depending on thickness, use and source. Change gloves regularly.

EYE PROTECTION

If there is a risk of splashing, wear chemical resistant goggles or visor approved to BS EN166.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination.

HYGIENE MEASURES

When using do not eat, drink or smoke. Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

PERSONAL PROTECTION

Always check applicability with your supplier of protective equipment.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colourless-pale yellow liquid		
ODOUR	Slight odour		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	Approx 1.12 @ 23 degC	VAPOUR PRESSURE	<0.00001 mbar @ 20 degC
pH-VALUE, CONC. SOLUTION	N/A	VISCOSITY	Approx 3500 mPas @ 25 degC
FLASH POINT (°C)	155 approx	AUTO IGNITION TEMPERATURE (°C)	200 approx

10 STABILITY AND REACTIVITY**STABILITY**

Stable under the prescribed storage conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID

Amines. Alcohols, glycols. Reacts with water forming carbon dioxide. Risk of bursting owing to increased pressure in closed containers.

GRIPDECK WEARCOAT PLUS HARDENER

HAZARDOUS DECOMPOSITION PRODUCTS

During fire, toxic gases (CO, CO2, NOx) are formed.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

Preparation contains small volumes of isocyanate which may cause allergic reaction and irritation of respiratory system.

INHALATION

Vapours may irritate throat and respiratory system and cause coughing.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

May cause sensitisation by skin contact.

EYE CONTACT

Irritation of eyes and mucous membranes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product should not be allowed to enter drains, sewers or watercourses.

DEGRADABILITY

The product reacts with water to form a solid insoluble reaction product which is non-degradable, according to information available.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Should be disposed of via licensed waste operators to an approved incineration unit.

WASTE CLASS

Hazardous Waste Code for Product : 080501* ; Contaminated empty container: 150110*

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

ADR CLASS

Not classified for transportation. MARINE POLLUTANT No.

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

R36/38 Irritating to eyes and skin.
 R43 May cause sensitisation by skin contact.

SAFETY PHRASES

S23 Do not breathe vapour/spray.
 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.
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
 S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
 S60 This material and its container must be disposed of as hazardous waste.
 P14 Contains HEXAMETHYLENE-DI-ISOCYANATE. May produce an allergic reaction.

GRIPDECK WEARCOAT PLUS HARDENER

16 OTHER INFORMATION

GENERAL INFORMATION

Don Construction Products Ltd. Technical Datasheet.

INFORMATION SOURCES

Health and Safety Executive Guidance Note EH40 (amended annually). Workplace Exposure Limits.

REVISION COMMENTS

Section 1: Addition of emergency telephone number. Section 8 : Improved PPE information. Section 13: Addition of waste codes.

Section 8: WEL update.

REVISION DATE 09/06/06

REV. NO./REPL. SDS GENERATED 3

RISK PHRASES IN FULL

R23 Toxic by inhalation.

R36/37/38 Irritating to eyes, respiratory system and skin.

R42/43 May cause sensitisation by inhalation and skin contact.