



## SAFETY DATA SHEET

### STRONGCOAT WD HARDENER CLEAR

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME                    STRONGCOAT WD HARDENER CLEAR

INTERNAL ID                        SCWDCLR/4

APPLICATION                        Component of epoxy coating 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  
Fax: 01538 361899  
E-Mail: info@donconstruction.co.uk

#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-BUTOXYETHANOL	203-905-0	111-76-2	<0.1%	Xn;R20/21/22 Xi;R36/38
POLYETHER MODIFIED TRISILOXANE		134180-76-0	0.5-1%	Xn;R20. Xi;R36. N;R51/53.
TETRAETHYLENEPENTAMINE	203-986-2	112-57-2	5-10%	C;R34 Xn;R21/22 R43 N;R51/53

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

#### COMPOSITION COMMENTS

Amine curing agent

#### 3 HAZARDS IDENTIFICATION

Irritating to eyes and skin. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION                    Xi;R36/38. R43. R52/53.

#### HUMAN HEALTH

The product contains a sensitising substance which may provoke an allergic reaction among sensitive individuals.

#### 4 FIRST-AID MEASURES

##### INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

##### INGESTION

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

##### 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. Do not use water jet as an extinguisher, as this will spread the fire.

##### SPECIFIC HAZARDS

Toxic gases/vapours/fumes of Oxides of: Carbon. Nitrogen.

**STRONGCOAT WD HARDENER CLEAR****PROTECTIVE MEASURES IN FIRE**

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

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Avoid contact with skin and eyes. Provide adequate ventilation. Use protective gloves, goggles and suitable protective clothing.

**ENVIRONMENTAL PRECAUTIONS**

Do not allow to enter drains, sewers or watercourses. Avoid discharge onto the ground. Contain spillages with sand, earth or any suitable absorbent material.

**SPILL CLEAN UP METHODS**

Absorb with sand or other inert absorbent. Collect spillage in containers, seal securely and deliver for disposal as hazardous waste.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid contact with skin and eyes. Provide good ventilation. Observe good industrial hygiene practices. Do not eat, drink or smoke when using the product.

**STORAGE PRECAUTIONS**

Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in closed original container at temperatures between 5°C and 30°C. Store in a cool and well-ventilated place.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
2-BUTOXYETHANOL	WEL	25 ppm(Sk)		50 ppm(Sk)	

**ENGINEERING MEASURES**

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

**RESPIRATORY EQUIPMENT**

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**

Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Wash contaminated clothing before reuse.

**PERSONAL PROTECTION**

Always check applicability with your supplier of protective equipment.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid		
COLOUR	Amber		
ODOUR	Slight odour Ammonia		
SOLUBILITY	Soluble in water		
RELATIVE DENSITY	1.20 approx @ 20 degC	VOLATILE BY VOL. (%)	N/A
pH-VALUE, CONC. SOLUTION	N/A	VISCOSITY	1500 approx cps @ 20 degC
FLASH POINT (°C)	N/A		

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Considerable exothermic reaction can occur when mixed with epoxide resins

# STRONGCOAT WD HARDENER CLEAR

**MATERIALS TO AVOID**

Strong acids. Strong alkalies. Strong oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**

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

## 11 TOXICOLOGICAL INFORMATION

**INHALATION**

May cause some discomfort in poorly ventilated areas.

**INGESTION**

Irritating. May cause nausea, stomach pain and vomiting.

**SKIN CONTACT**

Prolonged or repeated exposure may cause severe irritation. May cause sensitisation by skin contact.

**EYE CONTACT**

Irritating to eyes.

## 12 ECOLOGICAL INFORMATION

**ECOTOXICITY**

The product should not be allowed to enter drains, sewers or watercourses. Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

## 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS**

Small quantities may be treated with an equivalent quantity of product resin, allowed to cure and disposed of as low hazard waste. Larger quantities should be disposed of as hazardous waste via a licensed waste operator. Product containers must not be re-used without commercial cleaning.

**WASTE CLASS**

Hazardous Waste Codes: Product: 080111\* ; 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

**CONTAINS**

TETRAETHYLENEPENTAMINE

**RISK PHRASES**

- R36/38      Irritating to eyes and skin.
- R43      May cause sensitisation by skin contact.
- R52/53      Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**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.
- S28B      After contact with skin, wash immediately with plenty of soap and water.
- S36/37/39      Wear suitable protective clothing, gloves and eye/face protection.
- S60      This material and its container must be disposed of as hazardous waste.
- S61      Avoid release to the environment. Refer to special instructions/safety data sheets.

## STRONGCOAT WD HARDENER CLEAR

### 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 2: update.

REVISION DATE 07/08/06

REV. NO./REPL. SDS GENERATED 4

#### RISK PHRASES IN FULL

R20	Harmful by inhalation.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.