



# Material SAFETY DATA SHEET

## Flexseal PS660 - Curing agent

### 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Flexseal PS660 – Curing agent**  
Description: Curing agent of two part polysulphide joint sealant  
Manufacturer: **Don Construction Chemicals India LTD**  
Tel. +914426185340/41/42  
[www.dcp-int.com](http://www.dcp-int.com)  
Date Prepared: 13.05.14  
MSDS Number: DCP-IND/07/03-CA

### 2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Chlorinated paraffin, Tetramethylthiuram disulphide, Manganese dioxide.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Manganese dioxide	Xn	R20/22	1313-13-9	35 - 55
Tetramethylthiuram disulphide	Xn, N	R20/22, 36/38, 43, 50/53	137-26-8	< 5
C10-13 Chlorinated paraffin	Xn, N	R40, 50/53	85535-84-8	40 - 60

Refer to Section 8 for Occupational Exposure Limits.

### 3: HAZARDS IDENTIFICATION.

Hazard Information: Harmful by inhalation and if swallowed.  
May cause sensitization by skin contact.  
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Classification: Xn, N. R20/22, 43, 50/53.

### 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.  
Inhalation: Remove from exposure. Get medical attention if discomfort continues.  
Ingestion: Wash mouth with water. Obtain medical attention. DO NOT induce vomiting. Beware of aspiration if vomiting occurs.

## 5: FIRE FIGHTING MEASURES

Flash Point:	> 175°C.
Extinguishing Media:	Carbon dioxide, powder, foam or water.
Personal Protective Equipment:	Self-contained breathing apparatus.

## 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 or container and remove by best available means. Dispose off as waste.

## 7: HANDLING AND STORAGE

Handling:	Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Wash hands thoroughly after handling this product.
Storage:	Store between 5°C and 30°C. Keep away from food stuff and food containers.

## 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Contact:	Safety glasses/goggles.
Skin Contact:	Impervious gloves (e.g. nitrile or neoprene).
Respiratory Protection:	Use only in well ventilated areas.
Engineering Controls:	Use in well ventilated areas.
Exposure Limits:	
<b>Manganese &amp; compounds</b>	TWA (8 hours)                      5 mg/m <sup>3</sup>

## 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Paste
Colour:	Pigmented
Odour:	Slight/faint
Boiling Point (°C):	> 200
Flash Point (closed cup) (°C) :	> 175
Autoflammability (°C):	Auto ignition temperature > 375°C
Relative Density (@25°C):	1.75 – 1.85
Water Solubility:	Insoluble



## 10: STABILITY AND REACTIVITY

Stability:	Hazardous polymerization will not occur.
Conditions to Avoid:	None known.
Chemical Incompatibility:	Strong acids. Strong oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition yields oxides of carbon, chloride compounds including hydrogen chloride.

## 11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Expected oral LD50, rat < 800 mg/kg.

### Health Effects

On Eyes:	Causes transient irritation.
On Skin:	Mildly irritating.
By Inhalation:	May cause respiratory irritation.
By Ingestion:	Harmful if swallowed. May cause nausea, vomiting and diarrhea. Ingestion of significant amounts may result in severe systemic effects.
Chronic:	Repeated and prolonged skin contact may lead to skin disorders.

## 12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed off as intended, no adverse environmental affects are foreseen.
Mobility:	Insoluble in water.
Degradability:	Not expected to be biodegradable.
Bioaccumulation:	Not known.
Acute Fish Toxicity:	Not ecotoxic to fish/daphnia/algae in cured state.

## 13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product:	Classified as a special waste. 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



Transport name: Environmentally hazardous substance, solid, n.o.s (Chlorinated paraffin C<sub>10-13</sub>)

UN/ST Number: 3082

Transport Type:		Class:	Pack Group:	Item:	Marine Pollutant:
At Sea	IMO	9	III		Yes
Air Transport	IATA/ICAO	9	III		
At land	RID/ADR	9		12 (c)	

## 15: REGULATORY INFORMATION

### Hazard Label Data:

**Xi**



**Irritant**

**N**



**Dangerous for  
the environment**

Named Ingredients:

Manganese dioxide, Chlorinated paraffin.

UN Number:

3082

Symbol (s):

Xi, N

Risk Phrases:

R20/22

Harmful by inhalation and if swallowed.

R36

Irritating to eyes.

R43

May cause sensitization by skin contact.

R50/53

Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Safety Phrases:

S13

Keep away from food, drink and animal foodstuffs.

S24/25

Avoid contact with skin and eyes.

S28

After contact with skin, wash immediately with plenty of water.

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.

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 sheet.

## 16: OTHER INFORMATION

Issue Date:

13/05/2014

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.