

Desmepol B.V.	Material Safety Data Sheet REACH	Page 1 of 4
		Version nr.: 4
		Date: 16-9-2013
		Replaces: 4-7-2013
PLASTYN®		

Desmepol B.V.
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1. IDENTIFICATION OF THE SUBSTANCE AND THE SUPPLIER

Trade name	Plastyn®
Product names	This MSDS is applicable to Plastyn® SP, Plastyn® 35% and Plastyn® 40%
Application	Used for mortar liquefaction or as water reducing agent Used in paper industry and as intermediate in chemical industry Stabilizes soil
Producer	Desmepol B.V., B. Mets, info@desmepol.nl
Phone number for emergencies	NVIC: +31(0) 30-2748888 'Only for the purpose of informing medical personnel in cases of acute intoxications'.
Format	This M.S.D.S is composed according to the REACH legislation (EG) 1907/2006

2. HAZARDS IDENTIFICATION

GHS-label

Symbol:



Signal word:

Warning

Hazard statements:

H319: Causes eye irritation

H315: Causes skin irritation

Precautionary statements :

P102 Keep out of reach of children

P233 Store container tightly closed

P302 + P352 After contact with skin: wash immediately with plenty of water and soap

P280 Wear suitable protective clothing, gloves and eye/face protection

P285 **Plastyn® SP:** in case of insufficient ventilation wear suitable respiratory equipment (dustfilter P1 or P2)

P411 Store at temperatures between 10 and 25 °C

Do not mix with acids and oxidizing agents

CAS nr.:

64787-97-9

Danger for

Causes irritation of eyes and skin

GHS: H319+H315

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human

EG: Xi (R36/38)

Danger for environment No known hazards
 Water solubility: Complete
 The main ingredients are degradable under biological and atmospherically circumstances.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Substance Sulphonated melamine polymer
 CAS nr 64787-97-9

Main ingredients Condensation product of formaldehyde, melamine and bisulfite. Content of free formaldehyde <0,15%

Reactants:

Name component	CAS nr	EC nr
Formaldehyde	50-00-0	200-001-8
Melamine	108-78-1	203-615-4
Sodium Bisulfite	7631-90-5	231-548-0

4. FIRST AID MEASURES

After skin contact Wash approximately 15 minutes with plenty of cold water

After eye contact Wash approximately 15 minutes with water take medical advice after rinsing.

5. FIREFIGHTING MEASURES

Fire resistance Not flammable

Extinguishant All types of extinguishants can be used

Personal protection Use compressed-air equipment

Possible released substances

- Carbon monoxide (CO)
- Sulphur oxides (SO_x)
- Nitrogen oxides (NO_x)

6. ACCIDENTAL RELEASE MEASURES

General information Clean directly and collect. Remove as chemical waste following local prescriptions.

Cleaning method Wash away residues with plenty of water

Environmental precautions Environmental damage due to this substance is not known

7. HANDLING AND STORAGE

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- Handling and storage**
- Space ventilation (prevent formation of dust with powder)
 - Store in dry environment in closed packaging
 - Avoid contact with strong acids and oxidizing agents
 - In case of storage beneath 25 °C, shelf life until 1 year. For use 1 year after delivery, we advise you to contact Desmepol B.V.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Individual protection measures**
- Safety goggles
 - With powders: dust filter P1 or P2
 - Gloves

General Avoid direct contact

Eye precautions Eye protection is only necessary when solution can splash or be blown away

9. PHYSICAL AND CHEMICAL PROPERTIES

	<u>Plastyn[®] SP</u>	<u>Plastyn[®] 35% and Plastyn[®] 40%</u>
Physical state at 20°C	Powder	Liquid, solutions of 35% and 40% in water
Colour	White to yellow	Natural to yellow
Odour	Fish-like	Fish-like
pH-value	Not applicable	8.5 – 11.5
Density	Not applicable	1.23 – 1.29 g/cm ³
Solubility in water	Complete	Complete
Melting point	Not applicable	Crystal formation < 15 °C

10. STABILITY AND REACTIVITY

The shelf life for Plastyn[®] in closed packaging is one year at storage temperature below 25 °C.

In the presence of strong oxidizing agents (H₂O₂, strong acids), polymer breakdown can occur.

11. TOXICOLOGICAL INFORMATION

LD/LC50 Sulfonated melamin resin: Oral LD50 > 5000 mg/kg (Rats)
(Handbook of green chemicals - Irene Ash, pg 775)

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

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Collect substance and store or dispose as chemical waste following local regulations.

Paper packaging: collect, store or incinerate as waste

Containers: empty completely, clean with water and reuse.

14. TRANSPORT INFORMATION

There are no special transport regulations for Plastyn[®]

15. REGULATORY INFORMATION

The supplier of Plastyn[®] R has not performed an additional safety assessment.

16. OTHER INFORMATION

The information in this safety data sheet is based on our current knowledge and experience and is given in good faith but without warranty.

GHS Classification:

H319	Causes eye irritation
H315	Causes skin irritation
P102	Keep out of reach of children
P233	Store container tightly closed
P302 + P352	After contact with skin: wash immediately with plenty of water and soap
P280	Wear suitable protective clothing, gloves and eye/face protection Plastyn[®] SP: in case of insufficient ventilation wear suitable respiratory equipment (dustfilter P1 or P2)
P285	
P411	Store at temperatures between 10 and 25 °C Do not mix with acids and oxidizing agents

EC-Classification:

R36/38	Causes eye and skin irritation
S2	Keep out of reach of children
S7/47	Store tightly closed container at temperatures between 10 and 25 °C
S28	After contact with skin: wash immediately with plenty of water and soap
S36/37	Wear suitable protective clothing and gloves
S39	Wear eye/face protection
S50	Do not mix with acids and oxidizing agents
Plastyn[®] SP:	
S38	In case of insufficient ventilation wear suitable respiratory equipment (dustfilter P1 or P2)

For further information, please contact the producer.