

MSDS PT Flex 97 A

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. PRODUCT IDENTIFIER

Product name: PT Flex 97 A

### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Use of substance / mixture:

PC1: Adhesives, sealants. PC9a: Coatings and paints, thinners, paint removers. PC9b: Fillers, putties, plasters, modelling clay. PC32: Polymer preparations and compounds. PROC1: Use in closed process, no likelihood of exposure PROC2: Use in closed, continuous process with occasional controlled exposure PROC3: Use in closed batch process (synthesis or formulation) PROC4: Use in batch and other process (synthesis) where opportunity for exposure arises PROC5: Mixing or blending in batch processes for formulation of preparations\* and articles (multistage and/or significant contact) PROC8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities PROC8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities PROC9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing) PROC10: Roller application or brushing PROC13: Treatment of articles by dipping and pouring PROC19: Hand-mixing with intimate contact and only PPE available ERC2: Formulation of preparations\* ERC3: Formulation in materials ERC5: Industrial use resulting in inclusion into or onto a matrix ERC6d: Industrial use of process regulators for polymerisation processes in production of resins, rubbers, polymers.

### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Company name: Nedform BV  
Hofdarsweg 20  
6161DD Geleen The  
Netherlands

Tel: +31 (0)464106260  
Email: info@nedform.com

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification under CLP: Acute Tox. 4: H302; Aquatic Chronic 2: H411; Skin Sens. 1: H317

Most important adverse effects: Harmful if swallowed. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

### 2.2. LABEL ELEMENTS

Label elements:

Hazard statements: H302: Harmful if swallowed.  
H317: May cause an allergic skin reaction.  
H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark  
GHS09: Environmental



Signal words:

Precautionary statements: Warning  
P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+312: IF SWALLOWED: Call a doctor if you feel unwell.  
P302+352: IF ON SKIN: Wash with plenty of water/.  
P321: Specific treatment (see instructions on this label).  
P330: Rinse mouth.

## 2.3. OTHER HAZARDS

PBT: This product is not identified as a PBT/vPvB substance.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. MIXTURES

Hazardous ingredients:

6-METHYL-2,4-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE - REACH registered number(s): 01-0000015292-76				
EINECS	CAS	PBT / WEL	CLP Classification	Percent
403-240-8	106264-79-3	-	Acute Tox. 4: H302; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	1-25%

## SECTION 4: FIRST AID MEASURES

### 4.1. DESCRIPTION OF FIRST AID MEASURES

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water. Do not induce vomiting. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. If unconscious and breathing is OK, place in the recovery position. Consult a doctor.

### 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	Nausea and stomach pain may occur.
Inhalation:	There may be a feeling of tightness in the chest with shortness of breath. Exposure may cause coughing or wheezing. Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Immediate / special treatment: Show this safety data sheet to the doctor in attendance.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. EXTINGUISHING MEDIA

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Exposure hazards: In combustion emits toxic fumes.

### 5.3. ADVICE FOR FIRE-FIGHTERS

Advice for fire-fighters: Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. ENVIRONMENTAL PRECAUTIONS

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

### 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Clean-up procedures: Mix with sand or vermiculite. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

### 6.4. REFERENCE TO OTHER SECTIONS

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

## SECTION 7: HANDLING AND STORAGE

### 7.1. PRECAUTIONS FOR SAFE HANDLING

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions: Keep container tightly closed. Avoid contact with water or humidity.

Suitable packaging: Must only be kept in original packaging.

### 7.3. SPECIFIC END USE(S)

Specific end use(s): No data available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. CONTROL PARAMETERS

Workplace exposure limits: No data available.

DNEL/PNEC Values:

DNEL / PNEC No data available.

### 8.2. EXPOSURE CONTROLS

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Gas/vapour filter, type A: organic vapours (EN141). Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Environmental: Ensure all engineering measures mentioned in section 7 of SDS are in place.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Yellow-orange

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: No data available.

Viscosity: 950 mPa.s (25°C)

Boiling point/range°C: No data available.

Flammability limits %: lower: No data available.

Flash point°C: No data available.

Autoflammability°C: No data available.

Relative density: 1.02 - 1.07

VOC g/l: No data available.

pH: No data available.

Melting point/range°C: No data available.

upper: No data available.

Part.coeff. n-octanol/water: No data available.

Vapour pressure: No data available.

### 9.2. OTHER INFORMATION

Other information: No data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. REACTIVITY

Reactivity: Stable under recommended transport or storage conditions.

## 10.2. CHEMICAL STABILITY

Chemical stability: Stable under normal conditions.

## 10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

## 10.4. CONDITIONS TO AVOID

Conditions to avoid: Heat. Moist air. Humidity.

## 10.5. INCOMPATIBLE MATERIALS

Materials to avoid: Water. Acids.

## 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Haz. decomp. products: In combustion emits toxic fumes.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Hazardous ingredients:

6-METHYL-2,4-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE				
DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	1515	mg/kg
Relevant hazards for product:				
Hazard	Hazard Route	Basis		
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated		
Respiratory/skin sensitisation	DRM	Hazardous: calculated		

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: Nausea and stomach pain may occur.

Inhalation: There may be a feeling of tightness in the chest with shortness of breath. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. TOXICITY

Hazardous ingredients:

6-METHYL-2,4-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE			
DAPHNIA	48H EC50	0.9	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H EC50	7.6	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	7.3	mg/l

### 12.2. PERSISTENCE AND DEGRADABILITY

Persistence and degradability: No data available.

### 12.3. BIOACCUMULATIVE POTENTIAL

Bioaccumulative potential: No data available.

## 12.4. MOBILITY IN SOIL

Mobility: No data available.

## 12.5. RESULTS OF PBT AND VPVB ASSESSMENT

PBT identification: This product is not identified as a PBT/vPvB substance.

## 12.6. OTHER ADVERSE EFFECTS

Other adverse effects: Toxic to aquatic organisms.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. WASTE TREATMENT METHODS

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Arrange for collection by specialised disposal company. NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN NUMBER

UN number: UN3082

### 14.2. UN PROPER SHIPPING NAME

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS: 6-METHYL-2,4-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE)

### 14.3. TRANSPORT HAZARD CLASS(ES)

Transport class: 9

### 14.4. PACKING GROUP

Packing group: III

### 14.5. ENVIRONMENTAL HAZARDS

Environmentally hazardous: Yes

Marine pollutant: Yes

### 14.6. SPECIAL PRECAUTIONS FOR USER

Tunnel code: E

Transport category: 3

## SECTION 15: REGULATORY INFORMATION

### 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Specific regulations: Not applicable.

### 15.2. CHEMICAL SAFETY ASSESSMENT

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## SECTION 16: OTHER INFORMATION

Other information:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830. \* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

H302: Harmful if swallowed.

H317: May cause an allergic skin reaction.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.