

## Safety Data Sheet

# PU NEXT DAY PRIMER

### 1 Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name                      SIGnature PU Next Day Primer  
Stock codes                     10585096

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Use**                                : One Component, Polyurethane based Primer for Universal Adhesion on wet or dry conditions,  
   <<FOR PROFESSIONAL USERS ONLY>>.

#### 1.3. Details of the supplier of the safety data sheet

Company identification        SIG Roofing Design Technology  
   Mannheim House  
   Gelders Hall Road, Shepshed  
   Leicestershire LE12 9NH  
   Tel: 08445 766 760

#### 1.4. Emergency telephone number

08445 766 760

### 2 Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification EC 67/548 or EC 1999/45

Classification                    : R10  
   Carc. Cat. 3; R40  
   Xn; R20/21  
   Xi; R36/37/38  
   Xn ; R42/43

Health hazards                 : Acute toxicity, Inhalation - Category 4 - Warning (CLP : Acute Tox. 4) H332  
   Skin irritation - Category 2 - Warning (CLP : Skin Irrit. 2) H315  
   Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2) H319  
   Respiratory sensitization - Category 1 - Danger (CLP : Resp. Sens. 1) H334  
   Skin sensitisation - Category 1 - Warning (CLP : Skin Sens. 1) H317

## 2 Hazards identification (Continued)

Carcinogenicity - Category 2 - Warning (CLP : Carc. 2) H351  
Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation -  
Category 3 - Warning (CLP : STOT SE 3) H335  
Specific Target Organ Toxicity - Repeated exposure - Category 2 - Warning  
(CLP : STOT RE 2) H373

Physical hazards : Flammable liquids - Category 3 - Warning (CLP : Flam. Liq. 3) H226

### 2.2. Label elements

#### Labelling EC 67/548 or EC 1999/45

Symbol(s)



Symbol(s) : Xn : Harmful

R Phrase(s) : R10 : Flammable.  
R20/21 : Harmful by inhalation and in contact with skin.  
R36/37/38 : Irritating to eyes, respiratory system and skin.  
R40 : Limited evidence of a carcinogenic effect.  
R42/43 : May cause sensitization by inhalation and skin contact.

S Phrase(s) : S2 : Keep out of the reach of children.  
S23 : Do not breathe the gas, fumes, vapours, spray.  
S25 : Avoid contact with eyes.  
S36/37 : Wear suitable protective clothing and gloves.  
S40 : To clean the floor and all objects contaminated by this material, use xylene.  
S45 : In case of accident or if you feel unwell, seek medical advice immediately  
( show the label when possible).  
S51 : Use only in well-ventilated areas.  
S63 : In case of accident by inhalation : remove casualty to fresh air and keep at rest.

Contains : Xylene - methylenediphenyl diisocyanate isomers and homologues,  
<<Contains isocyanates. See information supplied by the manufacturer>>.

#### Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms



Signal words : Danger

Hazard statements : H226 : Flammable liquid and vapour.  
H351 : Suspected of causing cancer.  
H319 : Causes serious eye irritation.  
H315 : Causes skin irritation.  
H334 : May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H317 : May cause an allergic skin reaction.  
H332 : Harmful if inhaled.  
H335 : May cause respiratory irritation.  
H373 : May cause damage to organs through prolonged or repeated exposure.

#### Precautionary statements

General : P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P103: Read label before use.  
P201: Obtain special instructions before use.

## 2 Hazards identification (Continued)

Prevention	: P280: Wear eye protection, face protection. P280: Wear protective gloves, protective clothing, eye protection, face protection. P285: In case of inadequate ventilation wear respiratory protection. P210: Keep away from heat, sparks, open flames or hot surfaces. – No smoking. P233: Keep container tightly closed. P240: Ground/bond container and receiving equipment. P241: Use explosion-proof electrical, ventilating, lighting, ..., equipment. P260: Do not breathe dust, fume, gas, mist, vapours, spray. P264: Wash thoroughly after handling. P271: Use only outdoors or in a well-ventilated area. P272: Contaminated work clothing should not be allowed out of the workplace.
Response	: P321: Specific treatment (see on this label). P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P370+P378: In case of fire: Use all extinguishing media for extinction. P304+P340: IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing. P302+P352: IF ON SKIN : Wash with plenty of soap and water. P303+P361+P353: IF ON SKIN (or hair) : Remove immediately all contaminated clothing. Rinse skin with water/shower. P308+P313: If exposed or concerned : get medical advice. P312: Call a POISON CENTER or doctor if you feel unwell. P333+P313: If skin irritation or rash occurs : Get medical advice. P342+P311: If experiencing respiratory symptoms : Call a POISON CENTER or doctor. P363: Wash contaminated clothing before reuse.
Storage	: P403+P235: Store in well-ventilated place. Keep cool. P403+P233: Store in well-ventilated place. Keep container tightly closed. P405: Store locked up.
Disposal considerations	: P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Contains	: Xylene - methylenediphenyl diisocyanate isomers and homologues
Contains	: EUH204: Contains isocyanates. May produce an allergic reaction

### 2.3. Other hazards

The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

## 3 Composition/information on ingredients

Substance / Preparation	: Preparation.
Hazardous component(s)	: This product is hazardous.

SUBSTANCE NAME	CONTENTS	CAS NO	EC NO	ANNEX NO	REACH REF.	CLASSIFICATION
<b>methylenediphenyl diisocyanate isomers and homologues</b>	: 2.5 - 5 %	101-68-8	202-966-0	615-005-00-9	----	Carc. Cat. 3; R40 Xn; R20-48/20 Xi; R36/37/38 R42/43 ----- Resp. Sens. 1 _ H334 Acute Tox. 4 (inhal) _ H332 Carc. 2 _ H351 Eye irrit 2 _ H319 Skin Irrit. 2 _ H315 STOT SE 3 _ H335 Skin Sens. 1 _ H317 STOT RE 2 _ H373

### 3 Composition/information on ingredients (Continued)

SUBSTANCE NAME	CONTENTS	CAS NO	EC NO	ANNEX NO	REACH REF.	CLASSIFICATION
<b>Xylene</b>	: = 50 %	1330-20-7	215-535-7	601-022-00-9	----	R10 Xn; R20/21-65 Xi; R36/37/38 ----- Asp. Tox 1 _ H304 Flam. Liq. 3 _ H226 Acute Tox. 4 (skin) _ H312 Acute Tox. 4 (inhal) _ H332 Eye irrit 2 _ H319 Skin Irrit. 2 _ H315 STOT SE 3 _ H335 STOT RE 2 _ H373

### 4 First aid measures

#### 4.1. Description of first aid measures

Inhalation	: If experiencing respiratory symptoms : Call a POISON CENTER or doctor if you feel unwell. Remove to fresh air and keep at rest in a position comfortable for breathing.
Skin contact	: Get medical advice. Wash with plenty of soap and water. Wash contaminated clothing before reuse. Rinse skin with water/shower. If skin irritation or rash occurs : Specific treatment (see on this label). Remove/Take off immediately all contaminated clothing.
Eye contact	: Get medical advice. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists :
Ingestion	: IF SWALLOWED : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Specific treatment.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms relating to use	: Suspected of causing cancer. Causes serious eye irritation. Causes skin irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. May cause respiratory irritation.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

General information	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
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### 5 Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Foam. Water spray. Dry powder. Carbon dioxide. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
Surrounding fires	: Use water spray or fog for cooling exposed containers.

#### 5.2. Special hazards arising from the substance or mixture

Flammable class	: Flammable liquid and vapour.
Hazardous combustion products	: Under fire conditions, hazardous fumes will be present.

#### 5.3. Advice for fire-fighters

Protection against fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures	: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

## 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- For emergency responders : Equip cleanup crew with proper protection. Ventilate area.
- Technical measures : Use special care to avoid static electric charges. Eliminate every possible source of ignition. No naked lights. No smoking.
- Special precautions : Remove ignition sources. No naked lights. No smoking.

### 6.2. Environmental precautions

- Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

- Clean up methods : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spills and put it into appropriated container.

### 6.4. Reference to other sections

See section 8. Exposure controls and personal protection.

## 7 Handling and storage

### 7.1. Precautions for safe handling

- Technical protective measures : Use explosion-proof electrical, ventilating, lighting, ..., equipment.  
Use only nonsparking tools.  
Proper grounding procedures to avoid static electricity should be followed.  
Provide good ventilation in process area to prevent formation of vapour.
- Handling : Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.  
Obtain special instructions before use. Use only outdoors or in a well-ventilated area.  
Wash thoroughly after handling. Take precautionary measures against static discharge.  
Handle empty containers with care because residual vapours are flammable.  
Avoid breathing dust, fume, gas, mist, vapours, spray.
- Special precautions : No naked lights. No smoking.  
In use, may form flammable vapour-air mixture. Store and handle as though always a serious potential fire/explosion and health hazard exists. Avoid breathing dust, fume, gas, mist, vapours, spray.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage : Keep container tightly closed. Ground/bond container and receiving equipment.  
Keep in fireproof place. Keep only in the original container in a cool, well ventilated place.
- Storage - away from : Heat sources. Direct sunlight. Strong bases. Strong acids. Sources of ignition.

### 7.3. Specific end use(s)

- Specific end use(s) : None

## 8 Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

Personal protection



- Personal protection : Avoid all unnecessary exposure.
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Where excessive vapour may result, wear approved mask. (i.e type A1 according to standard EN 14387).
- Hand protection : In case of repeated or prolonged contact wear gloves. (Council Directive 89/686/EEC).
- Skin protection : Wear suitable protective clothing.
- Eye protection : Chemical goggles or safety glasses.
- Others : When using, do not eat, drink or smoke.

## 9 Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Transparent
Odour	: Characteristic
Odour threshold	: No data available
pH value	: Not applicable
Melting point/freezing point	: No data available
Decomposition point [°C]	: No data available
Critical temperature [°C]	: No data available
Auto-ignition temperature [°C]	: No data available
Flash point [°C]	: 28
Initial boiling point [°C]	: No data available
Final boiling point [°C]	: No data available
Evaporation rate	: No data available
Acid/alkali reserve [g NaOH/100g]	: No data available
Explosion limits - lower [%]	: No data available
Explosion limits - upper [%]	: No data available
Vapour pressure mm/Hg	: No data available
Vapour density	: No data available
Density [g/cm <sup>3</sup> ]	: 0.98-1.00
Solubility in water [% weight]	: No data available
Solubility in water	: Insoluble
Log Pow octanol / water at 20°C	: No data available
Solubility	: Organic solvents
Viscosity at 20°C [mPa.s]	: 30-50
Explosive properties	: No data available
Oxidising properties	: No data available

### 9.2. Other information

## 10 Stability and reactivity

### 10.1. Reactivity

Reactivity	: None under normal conditions.
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### 10.2. Chemical stability

Chemical stability	: Stable under recommended storage conditions.
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### 10.3. Possibility of hazardous reactions

Hazardous reactions	: Not established.
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### 10.4. Conditions to avoid

Conditions to avoid	: Open flame. Overheating. Direct sunlight. Heat. Sparks. Extremely high or low temperatures.
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### 10.5. Incompatible materials

Materials to avoid	: Strong acids. Strong bases. Amines. Oxidizing agent.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	: May release flammable gases. Fumes.
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## 11 Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Harmful in contact with skin.
Corrosion	: Not established.
Irritation	: Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation.
Sensitization	: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Mutagenicity	: Not established.
Carcinogenicity	: Suspected of causing cancer.
Toxic for reproduction	: Not established.
STOT-single exposure	: Not established.
STOT-repeated exposure	: Not established.
Aspiration hazard	: Not established.

## 12 Ecological information

### 12.1. Toxicity

Toxicity information	: The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.
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### 12.2. Persistence - degradability

Persistence - degradability	: No data available.
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### 12.3. Bioaccumulative potential

Bioaccumulative potential	: No data available.
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### 12.4. Mobility in soil

Log Pow octanol / water at 20°C	: No data available.
Mobility in soil	: Not established.

### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	: Not applicable.
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### 12.6. Other adverse effects

Environmental precautions	: Avoid release to the environment.
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## 13 Disposal considerations

### 13.1. Waste treatment methods

General	: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Avoid release to the environment.
Special precautions	: Handle empty containers with care because residual vapours are flammable.

## 14 Transport information

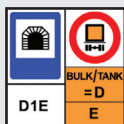
### 14.1. Land transport (ADR-RID)

Proper shipping name	: COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)
UN N°	: 1139
H.I. nr	: 30
ADR - Class	: 3
Labelling - Transport	: 3



## 14 Transport information (Continued)

ADR - Classification code : F1  
ADR - Group : III  
ADR - Packing instructions : P001 R001 LP001  
ADR - Limited Quantity : 5 L  
ADR - Tunnel code : D/E



### 14.2. Sea transport (IMDG) [English only]

Proper Shipping Name : COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)  
UN N° : 1139  
IMO-IMDG - Class or division : 3  
IMO-IMDG - Packing group : III  
IMO-IMDG - Packing instructions : P001 LP01  
IMO-IMDG - Limited quantities : 5 L  
IMO-IMDG - Marine pollution : No  
EMS-Nr : F-E S-E

### 14.3. Air transport (ICAO-IATA) [English only]

Proper shipping name : COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)  
UN N° : 1139  
IATA - Class or division : 3  
IATA - Packing group : III  
IATA - Passenger and Cargo Aircraft : ALLOWED  
- Passenger and Cargo - Packing instruction : 355  
- Passenger and Cargo - Maximum Quantity/Packing : 60 L  
IATA - Cargo only : ALLOWED  
- Cargo only - Packing instruction : 366  
- Cargo only - Maximum Quantity/ Packing : 220 L  
IATA - Limited Quantities : 10 L  
ERG-Nr : 3L

## 15 Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety, health and environmental regulations/legislation specific for the substance or mixture : Ensure all national/local regulations are observed.  
REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.  
REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

### 15.2. Chemical Safety Assessment

Chemical Safety Assessment : It has not been carried out.



## 16 Other information

Revision	: Revision - See : *
Abbreviations and acronyms	: PBT: persistent, bioaccumulative and toxic. vPvB: very persistent and very bioaccumulative
Sources of key data used	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
List of relevant R phrases (heading 3)	: R10 : Flammable. R20 : Harmful by inhalation. R20/21 : Harmful by inhalation and in contact with skin. R36/37/38 : Irritating to eyes, respiratory system and skin. R40 : Limited evidence of a carcinogenic effect. R42/43 : May cause sensitization by inhalation and skin contact. R48/20 : Harmful : danger of serious damage to health by prolonged exposure through inhalation. R65 : Harmful : may cause lung damage if swallowed.
List of full text of H-statements in section 3	: H226 : Flammable liquid and vapour. H304 : May be fatal if swallowed and enters airways. H312 : Harmful in contact with skin. H315 : Causes skin irritation. H317 : May cause an allergic skin reaction. H319 : Causes serious eye irritation. H332 : Harmful if inhaled. H334 : May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 : May cause respiratory irritation. H351 : Suspected of causing cancer. H373 : May cause damage to organs through prolonged or repeated exposure.
Further information	: None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

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