



## SAFETY DATA SHEET

Safety Data Sheet according to regulation (EC) No 1907/2006 & 1272/2008 and amendments

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

**1.1 PRODUCT IDENTIFIER**      **SETATHANE® D 1150**

**Product Description:**              Polyol

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

**Intended/Recommended Use:**    Binder

**Uses advised against:**              -

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

**Company:** Tennants Distribution Limited, Hazelbottom Road, Cheetham, Manchester. M8 0GR

**For Product and all Non-Emergency Information call:** +44(0)844 335 0001

### 1.4 EMERGENCY TELEPHONE NUMBER

**EMERGENCY TELEPHONE NUMBER (24 hours/day) - For emergency only involving spill, leak, fire, exposure or accident call:** +44(0)844 335 0001.

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## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**Classification according to Regulation (EC) No 1272/2008 and amendments**

Not Classified

## 2.2 LABEL ELEMENTS

Not applicable

### Hazard Statements

Not applicable

Restricted to professional users.

### Precautionary Statements

Precautionary statements on the label will be reduced as indicated in Regulation (EC) No 1272/2008, Article 28.

Not applicable

## 2.3 OTHER HAZARDS

Not applicable

## RESULTS OF PBT AND vPvB ASSESSMENT

Not determined

## ENDOCRINE DISRUPTOR INFORMATION

### Endocrine disrupting - health:

Not applicable

### Endocrine disrupting - environment:

Not applicable

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Substance, Mixture or Article?** Mixture

### 3.2 MIXTURES

No Hazardous Ingredients

See Section 16 for full text of H phrases.

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## SECTION 4: FIRST AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES

#### Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes.

#### Skin Contact:

Wash immediately with plenty of water and soap.

#### Ingestion:

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

**Inhalation:**

Remove to fresh air. If breathing is difficult, give oxygen. Obtain medical advice if there are persistent symptoms.

**4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

None known.

**4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

Not applicable.

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**SECTION 5: FIREFIGHTING MEASURES****5.1 EXTINGUISHING MEDIA****Suitable Extinguishing Media:**

Use water spray or fog, carbon dioxide or dry chemical.

**Unsuitable Extinguishing Media:**

full water jet.

**5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

Keep containers cool by spraying with water if exposed to fire.

**5.3 ADVICE FOR FIREFIGHTERS****Protective Equipment:**

Firefighters, and others exposed, wear self-contained breathing apparatus.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Where exposure level is not known, wear approved, positive pressure, self-contained respirator. Where exposure level is known, wear approved respirator suitable for level of exposure. In addition to the protective clothing/equipment in Section 8 (Exposure Controls/Personal Protection), wear impermeable boots.

**6.2 ENVIRONMENTAL PRECAUTIONS**

None known.

**6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

Cover spills with some inert absorbent material; sweep up and place in a waste disposal container. Flush spill area with water.

**6.4 REFERENCE TO OTHER SECTIONS**

See Sections 7, 8 and 13 for additional information.

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**SECTION 7: HANDLING AND STORAGE****7.1 PRECAUTIONS FOR SAFE HANDLING**

**Precautions:** Wash hands thoroughly after handling.

**Special Handling Statements:** During processing and handling of the product, comply with the indicative occupational exposure limit values.

## 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in a cool, dry, well ventilated place and keep container tightly closed. Observe the general rules of industrial fire protection.

**Storage Temperature:** For product quality related storage temperature refer to Technical Data Sheet.

**Storage Class (TRGS 510):** 10

## 7.3 SPECIFIC END USE(S)

Refer to Section 1 or Exposure Scenario if applicable.

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# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 CONTROL PARAMETERS

No OEL values have been established.

### Biological Exposure Limit(s)

No values have been established.

## 8.2 EXPOSURE CONTROLS

### Engineering Measures:

Utilize a closed system process where feasible.

Where this material is not used in a closed system, good enclosure and local exhaust ventilation should be provided to control exposure when spraying or curing at elevated temperatures.

### Respiratory Protection:

For operations where inhalation exposure can occur use an approved respirator. Recommendations are listed below.

Other protective respiratory equipment may be used based on user's own risk assessment.

#### Recommended:

Full Face Mask with organic vapor cartridge, Type A filter (BP >65°C)

### Eye protection:

Prevent eye and skin contact.

Provide eye wash fountain and safety shower in close proximity to points of potential exposure.

Wear eye/face protection such as chemical splash proof goggles or face shield.

### Skin Protection:

Prevent contamination of skin or clothing when removing protective equipment.

Barrier creams may be used in conjunction with the gloves to provide additional skin protection.

Wear impermeable gloves and suitable protective clothing.

### Hand protection:

Nitrile or fluorinated rubber gloves. Consider the porosity and elasticity data of the glove manufacturer and the specific conditions in the work place. Replace gloves immediately when torn or any change in appearance (dimension, colour, flexibility etc) is noticed.

The selected protective gloves have to satisfy the specifications of EU Regulation (EC) 2016/425 and standard EN

ISO 374-1:2016.

**Additional Advice:**

Food, beverages, and tobacco products should not be carried, stored, or consumed where this material is in use. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water.

**Environmental Protection:**

See section 6.2.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	viscous liquid
<b>Colour:</b>	yellow
<b>Odor:</b>	odourless
<b>Odor Threshold:</b>	See Section 8 for exposure limits.
<b>Melting Point:</b>	Not available
<b>Boiling Point:</b>	> 300 °C
<b>Flammability:</b>	Normal combustion
<b>Flammable Limits (% By Vol):</b>	Not available
<b>Flash point:</b>	127 °C DIN EN 2719
<b>Autoignition temperature:</b>	420 °C
<b>Decomposition Temperature:</b>	Not available
<b>pH:</b>	Not available
<b>Viscosity (Kinematic):</b>	Not applicable
<b>Viscosity (Dynamic):</b>	~ 4700 mPa.s @ 23 °C
<b>Solubility In Water:</b>	Insoluble
<b>Solubility In Solvent:</b>	Not available
<b>Partition coefficient n-octanol/water (log value):</b>	Not available
<b>Vapor Pressure:</b>	Not available
<b>Specific Gravity/Density:</b>	1.01 g/cm <sup>3</sup>
<b>Relative Vapour density:</b>	Not available
<b>Particle characteristics:</b>	Not applicable

### 9.2 OTHER INFORMATION

#### 9.2.1 Information with regard to physical hazard classes

Not applicable

#### 9.2.2 Other safety characteristics

Not applicable

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## SECTION 10: STABILITY AND REACTIVITY

**10.1 REACTIVITY** No information available

**10.2 CHEMICAL STABILITY** Stable

### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

**Polymerization:** Will not occur

**Conditions To Avoid:** None known.

**10.4 CONDITIONS TO AVOID** None known.

**10.5 INCOMPATIBLE MATERIALS** None known

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS** None known

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON HAZARD CLASSES AS DEFINED IN Regulation (EC) No 1272/2008

**Likely Routes of Exposure:** Oral, Skin, Eyes.

**Acute toxicity - oral:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Acute toxicity - dermal:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Acute toxicity - inhalation:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Skin corrosion / irritation:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Serious eye damage / eye irritation:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Respiratory sensitization:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Skin sensitization:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Carcinogenicity:** Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

**Germ cell mutagenicity:** Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

**Reproductive toxicity:** Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

**Specific target organ toxicity (STOT) - single exposure:** Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

**Specific target organ toxicity (STOT) - repeated exposure:** Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

**Aspiration hazard:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

### PRODUCT TOXICITY INFORMATION

#### ACUTE TOXICITY DATA

oral	rat	Acute LD50	> 2000 mg/kg
dermal	rabbit	Acute LD50	> 2000 mg/kg
inhalation	rat	Acute LC50 4 hr	> 20 mg/l (Vapors)

#### LOCAL EFFECTS ON SKIN AND EYE

Acute Irritation	dermal	rabbit	Not irritating
Acute Irritation	eye	rabbit	Not irritating

**ALLERGIC SENSITIZATION**

Local Lymph Node Assay Sensitization	dermal respiratory	mouse No data	Not sensitizing
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**SUBACUTE/SUBCHRONIC TOXICITY**

oral (gavage)	rat	No data
dermal	rat	No data

**GENOTOXICITY****Assays for Gene Mutations**

Bacterial Reverse Mutation +/-S9	Salmonella Typhimurium	Not mutagenic, (tested)
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**OTHER INFORMATION**

The product toxicity information above has been estimated.

**HAZARDOUS INGREDIENT TOXICITY DATA**

No Hazardous Ingredients

**11.2 INFORMATION ON OTHER HAZARDS****Endocrine disrupting properties:**

for more information see sections 2-Other hazards and 11-Hazardous ingredient toxicity data in this Safety Data Sheet.

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**SECTION 12: ECOLOGICAL INFORMATION****TOXICITY, PERSISTENCE AND DEGRADABILITY, BIOACCUMULATIVE POTENTIAL, MOBILITY IN SOIL, OTHER ADVERSE EFFECTS**

The ecological assessment for this material is based on an evaluation of its components. This material is not classified as dangerous for the environment.

**12.1 TOXICITY****BACTERIA TEST RESULTS**

**Test:** Respiration Inhibition (OECD 209)

**Species:** Activated Sludge - Bacterial

> 1000 mg/l

**12.2 PERSISTENCE AND DEGRADABILITY**

Not available

**DEGRADATION**

**Test:** Manometric Respirometry (OECD 301F)

**Duration:** 28 day

43 % This material is not readily biodegradable.

**12.3 BIOACCUMULATIVE POTENTIAL**

Not available

**12.4 MOBILITY IN SOIL**

Not available

**12.5 RESULTS OF PBT AND vPvB ASSESSMENT**

Not determined

**12.6 ENDOCRINE DISRUPTING PROPERTIES**

No Hazardous Ingredients

**12.7 OTHER ADVERSE EFFECTS**

Not available

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**HAZARDOUS INGREDIENT TOXICITY DATA**

No Hazardous Ingredients

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**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 WASTE TREATMENT METHODS**

The company encourages the recycle and reuse of products and packaging, where possible and permitted.

**Product disposal**

When recycle or reuse is not possible, the company recommends that our products, especially when classified as hazardous, be disposed of by thermal treatment or incineration at approved facilities. All local and national regulations should be followed. For disposal within the European Community, waste codes according to Directive 2008/98/EC should be assigned by the user based on the application for which the product was used.

**Packaging disposal**

Handle contaminated packages in the same way as the product itself. Disposal of emptied and cleaned packaging must be made in accordance with applicable local and national regulations.

**Disposal-relevant information**

Do not release directly or indirectly to surface water, ground water, soil or public sewage system.

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**SECTION 14: TRANSPORT INFORMATION**

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

**SUBSECTION 14.1 TO 14.5****ADR/RID/ADN**

Dangerous Goods?

Not applicable/Not regulated

**IMO**

Dangerous Goods? Not applicable/Not regulated

**ICAO / IATA**

Dangerous Goods? Not applicable/Not regulated

**14.6 SPECIAL PRECAUTIONS FOR USER**

No information available

**14.7 MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS**

No information available

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**SECTION 15: REGULATORY INFORMATION****15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

**Ozone Depleting Substances (Regulation (EC) No 1005/2009):** Not applicable

**Persistent Organic Pollutants (Regulation (EU) No 2019/1021):** Not applicable

**Prior Informed Consent (Regulation (EC) No 689/2008):** Not applicable

**Substances subject to Authorization (Annex XIV of Regulation (EC) No 1907/2006):** Not applicable

**Substances subject to Restrictions for certain applications(Annex XVII of Regulation(EC)No 1907/2006):** Yes  
Refer to Annex XVII of REACH for details of the restricted applications.

Formaldehyde (< 0.01 %)

This substance is restricted under item 72. This substance is restricted under item 77. This is a carcinogen substance restricted under item 28.

**Water Endangering Class (Germany):** 1 according to AwSV, 18.04.2017

**Inventory Information**

If one or more components of this product are not listed on the chemical inventory of interest to you, please contact Product Sustainability & Regulatory Affairs to discuss the options to get it listed or exempted emails: PSRA-Customer-Requests@allnex.com (for Europe and Americas) and Asia.Compliance@allnex.com (for Asia).

**European Economic Area (including EU):** When purchased and shipped from an Allnex legal entity based in the EEA (EU or Norway), this product is compliant with the registration of the REACH Regulation (EC) No. 1907/2006 as all its components are either excluded, exempt and/or registered.

**United Kingdom:** When purchased from allnex UK this product is compliant with the UK-REACH Regulation as all its components are either notified, excluded, exempt and/or registered. If the material has been purchased by your legal entity based in GB from an allnex legal entity based in the EEA (EU or Norway) in 2019 or 2020, you can continue to import the material into GB as it is covered by allnex DUIN.

**United States (USA):** All components of this product are designated as "Active" on the TSCA Inventory or are not required to be listed.

**Canada:** All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the DSL.

**Australia:** All components of this product are included in the Australian Inventory of Industrial Chemicals (AIIC) or are not required to be listed on AIIC.

**New Zealand:** This product is approved or exempt under the Hazardous Substances and New Organisms (HSNO) Act.

**China:** All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.

**Japan:** All components of this product are included on the Japanese (ENCS and ISHL) inventories or are not required to be listed on the Japanese inventories.

**Korea:** All components of this product are included on the Korean (ECL) inventory or are not required to be listed on the Korean inventory. When purchased from Allnex Korea or Chemart distributor this product is compliant with the ARECs (the Act on the Registration and Evaluation, etc. of Chemical Substances). All its components are either excluded, exempt, pre-notified and/or registered. When purchased from another allnex entity, please contact PSRA-KREACH@allnex.com to check the possibility to be covered by our Only Representative.

**Philippines:** All components of this product are included on the Philippine (PICCS) inventory or are not required to be listed on the Philippine inventory.

**Taiwan:** All components of this product are included in the Taiwan chemical substance inventory or are not required to be listed on the Taiwan chemical substance inventory (TCSI).

**Switzerland:** All components of this product are exempt from the new substance notification requirements for Switzerland (SR 813.11 art. 24-26).

**Turkey:** When purchased directly from Allnex by a Turkish legal entity, this product is compliant with the PRE-registration requirements of KKDİK as all its components are either pre-registered, excluded and/or exempt.

## 15.2 CHEMICAL SAFETY ASSESSMENT

No Chemical Safety Assessment has been carried out.

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## SECTION 16: OTHER INFORMATION

**Reasons for Issue:** Revised Section 7

**Date Prepared:** 23-Oct-2025

**Date of last significant revision:** 27-Aug-2025

### Key or legend to abbreviations and acronyms used in the safety data sheet

ADN Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR Agreement Concerning the International Carriage of Dangerous Goods by Road

AIC Australian Inventory of Industrial Chemicals

ASTM American Society for Testing and Materials

ATE Acute Toxicity Estimate

BCF Bioconcentration Factor

BP Boiling Point

CAS Chemical Abstracts Service

CLP Regulation (EC) No 1272/2008 on the Classification, Labelling and Packaging of Substances and Mixtures

CMR Carcinogen, Mutagen or Reproductive Toxicant

CSA Chemical Safety Assessment

DIN Standard of the German Institute for Standardisation

DNEL Derived No Effect Level

DSL Domestic Substances List (Canada)

EC50 Effective Concentration to 50% of a Test Population

ECHA European Chemicals Agency

ECL Existing Chemicals List (Korea)

EEA European Economic Area

ENCS Existing and New Chemical Substances (Japan)

ERC Environmental Release Category

ES Exposure Scenario

GHS Globally Harmonized System of Classification and Labelling of Chemicals

GLP Good Laboratory Practice

HSNO Hazardous Substances and New Organisms (NZ)

IARC International Agency for Research on Cancer  
IATA International Air Transport Association  
ILV Indicative Limit Values  
LC50 Lethal Concentration to 50% of a Test Population  
LD50 Lethal Dose to 50% of a Test Population  
n.o.s. Not Otherwise Specified  
NFPA National Fire Protection Association  
NOAEL No Observed Adverse Effect Level  
NOEC No Observed Effect Concentration  
OECD Organisation for Economic Co-operation and Development  
OEL Occupational Exposure Limit  
PBT Persistent, Bioaccumulative and Toxic Substances  
PC Product Category  
PE Polyethylene  
PICCS Philippine Inventory of Chemicals and Chemical Substances  
PMT Persistent, Mobile and Toxic Substances  
PNEC Predicted No Effect Concentration  
ppm Parts Per Million  
PROC Process Category  
REACH Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorisation and Restriction of Chemicals  
SAPT Self-Accelerating Polymerization Temperature  
SDS Safety Data Sheet  
STEL Short Term Exposure Limit  
STOT Specific Target Organ Toxicity  
SU Sectors of Use  
SVHC Substance of Very High Concern  
TCSI Taiwan chemical substance inventory  
TDS Technical Data Sheet  
TSCA Toxic Substances Control Act (USA)  
TWA Time Weighted Average  
UFI Unique Formula Identifier  
UN United Nations  
vPvB Very Persistent and Very Bioaccumulative Substances  
vPvM Very Persistent and Very Mobile Substances

### **Emergency phone numbers for other regions**

#### **Asia Pacific**

Australia: 1800 074 234 (toll free) or +61 2 8014 4558 (Carechem 24)  
China (PRC): +86 532 8388 9090 (NRCC)  
India: 000 800 100 7479 (toll free) or +65 3158 1198 (Carechem 24)  
Indonesia: 007 803 011 0293 (Carechem 24)  
Japan: 0120 015 230 (toll free) (Carechem24)  
Korea: +82 2 3479 8401 (Carechem 24)  
Malaysia: +60 3 6207 4347 (Carechem 24)  
New Zealand: 0800 446 881 (toll free) or +64 9 929 1483 (Carechem 24)  
Philippines: +63 2 231 2149 (Carechem 24)  
Taiwan: +886 2 8793 3212 (Carechem 24)  
Vietnam: +84 8 4458 2388 (Carechem 24)  
All Others: +65 3158 1074 (Carechem 24)

#### **Latin America**

Brazil: +55-800-707-7022 (toll free) or +55-11-98149-0850 (Suatrans 24)  
Chile: +56 2 2582 9336 (Carechem 24)  
Mexico and all others: +52-555-004-8763 (Carechem 24)

#### **USA**

+1-866-928-0789 (toll free) or +1-215-207-0061 (Carechem 24 - Allnex29003-NCEC)

#### **Canada**

+1-800-579-7421 (toll free) or +1-215-207-0061 (Carechem 24)

Prepared By: Product Sustainability & Regulatory Affairs Department, <http://www.allnex.com/contact>

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