

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 31.05.2025

**SECTION 1: Identification of the substance/mixture and of the company/
undertaking**

- **1.1 Product identifier**
- **Trade name: Spal-Pro 2000 A Polyol**
- **UFI: HC00-60K5-W009-GUM7**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Two-component adhesive
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Manufacturer/Supplier:
METZGER/McGUIRE
Postal Address:
PO Box
Concord, NH 03302
U.S.A.
Shipping address:
807 Route 3-A
Bogen, NH 03304
U.S.A.
Phone: 603-224-6122
Freephone: 800-223-6680
E-Mail: info@metzgermcguire.com
- **Importer:**
Dr. Schulze GmbH
Bollenberg 10
D-57234 Wilnsdorf
Germany
Phone +49 (0) 2737/5953-0
www.dr-schulze.de
info@dr-schulze.de
- **Informing department:**
info@dr-schulze.de
Tel. +49 (0) 2737/5953-0
- **1.4 Emergency telephone number:**
ChemTel Inc.
(800)255-3924 (North America)
+1 (813)248-0585 (International)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

(Contd. on page 2)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 31.05.2025

Trade name: Spal-Pro 2000 A Polyol

(Contd. from page 1)



GHS07

Acute Tox. 4 H302 Harmful if swallowed.
 Skin Sens. 1 H317 May cause an allergic skin reaction.

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· Hazard pictograms



GHS07 GHS09

· Signal word Warning

· Hazard-determining components of labelling:

6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine
 4,4'-methylenebis[N-sec-butylaniline]
 N,N,4-trimethylpiperazine-1-ethylamine

· Hazard statements

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

· Precautionary statements

P261 Avoid breathing mist/vapours/spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves.
 P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P391 Collect spillage.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Additional information:

Please refer to further labelling elements in section 15 of this safety data sheet, if applicable.
 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
 Restricted to professional users.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· **PBT:** Not applicable.
 · **vPvB:** Not applicable.

· Determination of endocrine-disrupting properties

The product does not contain substances with endocrine disrupting properties.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· **Description:** Mixture of the substances listed below including additives not requiring identification.

(Contd. on page 3)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 31.05.2025

Trade name: Spal-Pro 2000 A Polyol

(Contd. from page 2)

· Dangerous components:		
CAS: 106264-79-3 ELINCS: 403-240-8 Index number: 612-113-00-8	6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Sens. 1, H317	≥ 10 - < 25%
CAS: 102-60-3 EINECS: 203-041-4 Reg.nr.: 01-2119552434-41-X	1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol ⚠ Eye Irrit. 2, H319	≥ 2.5 - < 10%
CAS: 5285-60-9 EINECS: 226-122-6	4,4'-methylenebis[N-sec-butylaniline] ⚠ STOT RE 2, H373; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Sens. 1, H317	≥ 2.5 - < 10%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17-X	titanium dioxide ⚠ Carc. 2, H351	2.5 - 10%
CAS: 12736-96-8 EINECS: 235-787-1	Silicic acid, aluminium potassium sodium salt ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	≤ 1%
CAS: 104-19-8 EINECS: 203-183-7 Reg.nr.: 01-2120785093-51-X	N,N,4-trimethylpiperazine-1-ethylamine ⚠ Acute Tox. 3, H301; ⚠ Skin Corr. 1A, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H312; Aquatic Chronic 3, H412	< 1%

· **Additional information**

The product contains titanium dioxide, which is suspected to cause cancer if inhaled. This classification is linked to the powder form of this substance. In the present product titanium dioxide is present in a form that excludes emission as dust. When used as intended, a health hazard can be excluded under foreseeable conditions.

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information** Remove contaminated clothing immediately.

· **After inhalation** Supply fresh air; consult doctor in case of symptoms.

· **After skin contact**

Instantly wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

Remove contaminated clothing immediately.

Wash contaminated clothing before re-use.

· **After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

Remove contact lenses if possible.

· **After swallowing**

Rinse out mouth and then drink plenty of water.

Call a doctor immediately.

If possible, show operating instructions or safety data sheet.

· **4.2 Most important symptoms and effects, both acute and delayed**

skin irritation

Allergic reactions

(Contd. on page 4)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 31.05.2025

Trade name: Spal-Pro 2000 A Polyol

(Contd. from page 3)

- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
Extinguishing powder, foam or water jet. Fight larger fires with water jet or alcohol-resistant foam. Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
During incomplete combustion carbon monoxide can be formed.
Formation of flammable mixtures of vapours with air possible.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear full protective suit.
Wear self-contained breathing apparatus.
- **Additional information**
Remove goods in stock from incendiary zone, if possible.
Collect contaminated fire fighting water separately. It must not enter drains. Provide sufficient fire fighting water retention.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
- **For non-emergency personnel**
Avoid contact with the product.
Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.
Ensure adequate ventilation
- **For emergency responders** Put on suitable personal protective equipment.
- **6.2 Environmental precautions:** Do not allow to enter drainage system, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose of the material collected according to regulations.
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Handling**
Do not eat, drink or smoke while working.
Avoid contact with the eyes and skin.

(Contd. on page 5)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 31.05.2025

Trade name: Spal-Pro 2000 A Polyol

(Contd. from page 4)

Take off all contaminated clothing immediately.
Wash hands during breaks and at the end of the work.

- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**
Store cool and dry in well sealed containers.
- **Information about storage in one common storage facility:**
Keep away from strongly acidic or alkaline materials and oxidising agents.
Store away from foodstuffs.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**
WEL: workplace exposure limit
OEL: Occupational Exposure Limit

1333-86-4 Carbon black

WEL (Great Britain)	Short-term value: 7 mg/m ³ Long-term value: 3.5 mg/m ³
---------------------	---

13463-67-7 titanium dioxide

WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *total inhalable **respirable
---------------------	---

- **DNELs**

102-60-3 1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol

Oral	DNEL (consumer, long-term, systemic)	2.5 mg/kg bw/day
Dermal	DNEL (worker, long-term, systemic)	4.2 mg/kg bw/day
	DNEL (consumer, long-term, systemic)	2.5 mg/kg bw/day
Inhalative	DNEL (worker, long-term, systemic)	29.4 mg/m ³
	DNEL (consumer, long-term, systemic)	8.7 mg/m ³

5285-60-9 4,4'-methylenebis[N-sec-butylaniline]

Oral	DNEL (consumer, short-term, systemic)	0.125 mg/kg bw/day
	DNEL (consumer, long-term, systemic)	0.125 mg/kg bw/day
Dermal	DNEL (worker, long-term, systemic)	0.208 mg/kg bw/day
	DNEL (consumer, long-term, systemic)	0.125 mg/kg bw/day
Inhalative	DNEL (worker, long-term, systemic)	7.3 mg/m ³
	DNEL (consumer, long-term, systemic)	2.2 mg/m ³

13463-67-7 titanium dioxide

Inhalative	DNEL (worker, long-term, local)	1.25 mg/m ³ (human)
	DNEL (consumer, long-term, local)	0.21 mg/m ³ (human)

- **PNECs**

102-60-3 1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol

PNEC aqua (freshwater)	0.085 mg/L
PNEC aqua (marine water)	0.009 mg/L
PNEC STP - Sewage Treatment Plant	70 mg/L

(Contd. on page 6)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 31.05.2025

Trade name: Spal-Pro 2000 A Polyol

(Contd. from page 5)

PNEC soil	0.018 mg/kg soil dw
PNEC sediment (freshwater)	0.193 mg/kg sedim. dw
PNEC sediment (marine water)	0.019 mg/kg sedim. dw
5285-60-9 4,4'-methylenebis[N-sec-butylaniline]	
PNEC aqua (freshwater)	0.000187 mg/L
PNEC aqua (marine water)	0.000019 mg/L
PNEC STP - Sewage Treatment Plant	23.2 mg/L
PNEC soil	0.411 mg/kg soil dw
PNEC sediment (freshwater)	2.06 mg/kg sedim. dw
PNEC sediment (marine water)	0.21 mg/kg sedim. dw
PNEC oral	1 mg/kg food

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **8.2 Exposure controls**

· **Individual protection measures, such as personal protective equipment**

· **Breathing equipment:**

Not required when used as intended.

Use respiratory protection in case of insufficient ventilation or if the limit values are exceeded.
filter A/P.

· **Hand protection**

Only use chemical-protective gloves with CE-labelling of category III (EN 374).



Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection** Safety glasses recommended if possibility of liquid splashes exists.

· **Body protection:**



Protective work clothing.

EU

(Contd. on page 7)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 31.05.2025

Trade name: Spal-Pro 2000 A Polyol

(Contd. from page 6)

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state	Liquid
· Colour:	According to product specification
· Odour:	Light
· Odour threshold:	Not determined.
· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	Not determined
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	> 93 °C
· Auto-ignition temperature:	Product is not selfigniting.
· Decomposition temperature:	Not determined.
· SADT	
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity	Not determined.
· dynamic:	Not determined.
· Solubility	
· Water:	Not miscible or difficult to mix
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density	Not determined
· Relative density	Not determined.
· Vapour density	Not determined.

· 9.2 Other information

· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive.
· Change in condition	
· Evaporation rate	Not determined.

· Information with regard to physical hazard classes

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void

(Contd. on page 8)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 31.05.2025

Trade name: Spal-Pro 2000 A Polyol

(Contd. from page 7)

- | | |
|--|---|
| · Self-heating substances and mixtures | Void |
| · Substances and mixtures, which emit flammable gases in contact with water | Void |
| · Oxidising liquids | Void |
| · Oxidising solids | Void |
| · Organic peroxides | Void |
| · Corrosive to metals | No statement can be made on this point due to a lack of studies on the product. |
| | Void |
| · Desensitised explosives | Void |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
None in case of intended use and storage in compliance with instructions.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Harmful if swallowed.

· **LD/LC50 values that are relevant for classification:**

ATE (Acute Toxicity Estimates)

Oral	LD50	> 1,935 - < 2,667 mg/kg
------	------	-------------------------

102-60-3 1,1',1",1'''-ethylenedinitrilotetrapropan-2-ol

Oral	LD50	2,890 mg/kg (Rat)
------	------	-------------------

Dermal	LD50	> 2,000 mg/kg (Rat)
--------	------	---------------------

5285-60-9 4,4'-methylenebis[N-sec-butylaniline]

Oral	LD50	> 300 - < 2,000 mg/kg (Rat)
------	------	-----------------------------

Dermal	LD50	> 2,000 mg/kg (Rat) (OECD 402)
--------	------	--------------------------------

13463-67-7 titanium dioxide

Oral	LD50	> 5,000 mg/kg (Rat) (OECD 425)
------	------	--------------------------------

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.

(Contd. on page 9)

EU

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 31.05.2025

Trade name: Spal-Pro 2000 A Polyol

(Contd. from page 8)

- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

102-60-3 1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol

LC50 > 100 mg/l (fish)

EC50 > 100 mg/l/96h (Daphnia magna)

5285-60-9 4,4'-methylenebis[N-sec-butylaniline]

EC50 0.21 mg/l/48h (Daphnia magna) (OECD 202)

LC50 > 0.61 mg/l/96h (Danio rerio) (OECD 203)

EC50 0.187 mg/l/72h (Raphidocelis subcapitata)

13463-67-7 titanium dioxide

EC50 300 - 400 mg/l/96h (Daphnia magna)

> 100 mg/l/96h (Oncorhynchus mykiss) (OECD 203)

- **12.2 Persistence and degradability** No further relevant information available.
- **Other information:** There are no data available about the preparation.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

- **12.7 Other adverse effects** No further relevant information available.
- **Additional ecological information:**

- **General notes:**

Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water.

Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into soil.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

The waste code numbers mentioned are recommendations based on the probable use of the product.

- **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
----------	---

08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
----------	---

(Contd. on page 10)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 31.05.2025

Trade name: Spal-Pro 2000 A Polyol

(Contd. from page 9)

08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances
HP13	Sensitising
HP14	Ecotoxic

- **Uncleaned packagings:**
- **Recommendation:**
Dispose of packaging according to regulations on the disposal of packagings.
Non contaminated packagings can be used for recycling.
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

- | | |
|---|---|
| <ul style="list-style-type: none"> · 14.1 UN number or ID number · ADR/RID, IMDG, IATA | <p>UN3082</p> |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR/RID · IMDG · IATA | <p>3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine)</p> <p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine), MARINE POLLUTANT</p> <p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine)</p> |
| <ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR/RID | <p>9 (M6) Miscellaneous dangerous substances and articles.</p> <p>9</p> |
| <ul style="list-style-type: none"> · IMDG, IATA | <p>9 Miscellaneous dangerous substances and articles.</p> <p>9</p> |

(Contd. on page 11)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 31.05.2025

Trade name: Spal-Pro 2000 A Polyol

(Contd. from page 10)

<ul style="list-style-type: none"> · 14.4 Packing group · ADR/RID, IMDG, IATA 	III
<ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: · Special marking (ADR/RID): · Special marking (IATA): 	<ul style="list-style-type: none"> Symbol (fish and tree) Symbol (fish and tree) Symbol (fish and tree)
<ul style="list-style-type: none"> · 14.6 Special precautions for user · Kemler Number: · EMS Number: · Stowage Category 	<ul style="list-style-type: none"> Warning: Miscellaneous dangerous substances and articles. 90 F-A,S-F A
<ul style="list-style-type: none"> · 14.7 Maritime transport in bulk according to IMO instruments 	Not applicable.
<ul style="list-style-type: none"> · Transport/Additional information: 	
<ul style="list-style-type: none"> · ADR/RID · Limited quantities (LQ) · Excepted quantities (EQ) 	<ul style="list-style-type: none"> 5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<ul style="list-style-type: none"> · Transport category · Tunnel restriction code 	<ul style="list-style-type: none"> 3 (-)
<ul style="list-style-type: none"> · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) 	<ul style="list-style-type: none"> 5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<ul style="list-style-type: none"> · UN "Model Regulation": 	<ul style="list-style-type: none"> UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (6-METHYL-2,4-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE), 9, III

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category E2** Hazardous to the Aquatic Environment
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII**
Taking into account the intended use as specified in section 1, the relevant entries from Annex XVII are carried out.
Conditions of restriction: 3
- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**
None of the ingredients is listed.

(Contd. on page 12)

EU

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 31.05.2025

Trade name: Spal-Pro 2000 A Polyol

(Contd. from page 11)

- **REGULATION (EU) 2019/1148**

- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

- **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

- **National regulations**

- **Water hazard class:** Water danger class 3 (Self-assessment): extremely hazardous for water.

- **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is contained.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety data sheet meets the requirements of Regulation (EU) 2015/830 and 2020/878 amending Annex II of Regulation (EC) 1907/2006.

This data sheet takes into account the labelling requirements of Regulation (EU) 2024/197 adapting Regulation (EC) No 1272/2008 (21st ATP of the CLP Regulation).

- **Relevant phrases**

The phrases specified here are no labelling elements for the product but repeat the properties of the ingredients from section 3.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

- **Classification according to Regulation (EC) No 1272/2008** Calculation method

- **Department issuing data specification sheet:**



This Safety Data Sheet has been drawn up in cooperation with:

DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,
phone: (+49) 511 42079 - 0, reach@dekra.com.

(Contd. on page 13)

EU

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 31.05.2025

Trade name: Spal-Pro 2000 A Polyol

(Contd. from page 12)

© DEKRA Assurance Services GmbH. Changing this documents is subject to explicit acceptance by DEKRA Assurance Services GmbH.

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3