

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 RS-88 Part B ISO**
 - **UFI: 9410-R0SR-N00R-EWUT**
- **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**



GHS08 health hazard

(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 RS-88 Part B ISO

(Contd. from page 1)

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 Carc. 2 H351 Suspected of causing cancer.
 STOT RE 2 H373 May cause damage to the respiratory system and the respiratory tract through prolonged or repeated exposure. Route of exposure: Inhalation.



GHS07

Acute Tox. 4 H332 Harmful if inhaled.
 Skin Irrit. 2 H315 Causes skin irritation.
 Eye Irrit. 2 H319 Causes serious eye irritation.
 Skin Sens. 1 H317 May cause an allergic skin reaction.
 STOT SE 3 H335 May cause respiratory irritation.

· **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 GHS08

· **Signal word** Danger

· **Hazard-determining components of labelling:**

polyurethane resin, uncured
 diphenylmethane-4,4'-di-isocyanate

· **Hazard statements**

H332 Harmful if inhaled.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H317 May cause an allergic skin reaction.
 H351 Suspected of causing cancer.
 H335 May cause respiratory irritation.
 H373 May cause damage to the respiratory system and the respiratory tract through prolonged or repeated exposure. Route of exposure: Inhalation.

· **Precautionary statements**

P202 Do not handle until all safety precautions have been read and understood.
 P260 Do not breathe mist/vapours/spray.
 P280 Wear protective gloves / eye protection / face protection.
 P284 In case of inadequate ventilation wear respiratory protection.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

(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 RS-88 Part B ISO

(Contd. from page 3)

- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
Remove contact lenses if possible.
- **After swallowing**
Do not induce vomiting without medical advice.
Seek immediate medical advice.
- **Information for doctor** Point out to ingredients (see section 3).
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **After skin contact:**
skin irritation
Allergic reactions
- **After eye contact:** eye irritation
- **After swallowing:** Gastric or intestinal trouble
- **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**
CO₂, extinguishing powder or sand. Fight larger fires with 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.
Inhalation of combustion gases may cause serious health hazards.
Can be released in case of fire:
Nitrogen oxides (NO_x)
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear full protective suit.
Wear self-contained breathing apparatus.
- **Additional information**
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.
- **For emergency responders**
Put on suitable personal protective equipment.
Put on breathing apparatus.
Ensure adequate ventilation
- **6.2 Environmental precautions:**
Do not allow to enter drainage system, ground/soil and water bodies.
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.

(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 RS-88 Part B ISO

(Contd. from page 4)

Dispose of contaminated material as waste according to section 13.
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.

Do not inhale gases/vapours/aerosols.

Avoid contact with eyes, skin and clothes.

· **Information about protection against explosions and fires:**

Store it away from ignition sources or open fire.

· **Handling**

Do not eat, drink or smoke while working.

Avoid contact with the eyes and skin.

Do not inhale dust / smoke / mist.

Wash hands during breaks and at the end of the work.

Remove contaminated clothing and protective equipment before entering eating areas.

Take off all contaminated clothing immediately.

Wash contaminated clothing before re-use.

Store protective clothing separately.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage**

· **Requirements to be met by storerooms and containers:** No special requirements.

· **Information about storage in one common storage facility:**

Keep away from strongly acidic or alkaline materials and oxidising agents.

Keep away from food, drink and animal feeding stuffs.

· **Further information about storage conditions:**

Keep container tightly sealed.

Store in a locked cabinet and out of the reach of children.

· **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

101-68-8 diphenylmethane-4,4'-di-isocyanate

WEL (Great Britain)	Short-term value: 0.07 mg/m ³
	Long-term value: 0.02 mg/m ³
	Sen; as -NCO

· **DNELs**

25686-28-6 polyurethane resin, uncured

Inhalative	DNEL (worker, short-term, local)	0.1 mg/m ³ (human)
------------	----------------------------------	-------------------------------

(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 RS-88 Part B ISO

(Contd. from page 5)

	DNEL (worker, long-term, local)	0.05 mg/m ³ (human)
	DNEL (consumer, short-term, local)	0.05 mg/m ³ (human)
	DNEL (consumer, long-term, local)	0.025 mg/m ³ (human)
101-68-8 diphenylmethane-4,4'-di-isocyanate		
Inhalative	DNEL (worker, short-term, local)	0.1 mg/m ³ (human)
	DNEL (worker, long-term, local)	0.05 mg/m ³ (human)
	DNEL (consumer, short-term, local)	0.05 mg/m ³ (human)
	DNEL (consumer, long-term, local)	0.025 mg/m ³ (human)
108-32-7 propylene carbonate		
Oral	DNEL (consumer, long-term, systemic)	10 mg/kg bw/day (human)
Dermal	DNEL (worker, long-term, systemic)	20 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	10 mg/kg bw/day (human)
Inhalative	DNEL (worker, long-term, systemic)	70.53 mg/m ³ (human)
	DNEL (consumer, long-term, systemic)	17.4 mg/m ³ (human)
	DNEL (worker, long-term, local)	20 mg/m ³ (human)
	DNEL (consumer, long-term, local)	10 mg/m ³ (human)

· PNECs**25686-28-6 polyurethane resin, uncured**

PNEC aqua (freshwater)	0.0037 mg/L (.)
PNEC aqua (marine water)	0.00037 mg/L (.)
PNEC STP - Sewage Treatment Plant	1 mg/L (.)
PNEC soil	2.33 mg/kg soil dw (.)
PNEC sediment (freshwater)	11.7 mg/kg sedim. dw
PNEC sediment (marine water)	1.17 mg/kg sedim. dw
PNEC aqua (intermittent releases)	10 mg/L (.)

101-68-8 diphenylmethane-4,4'-di-isocyanate

PNEC aqua (freshwater)	0.0037 mg/L (.)
PNEC aqua (marine water)	0.00037 mg/L (.)
PNEC soil	1 mg/kg soil dw (.)
PNEC sediment (freshwater)	11.7 mg/kg sedim. dw (.)
PNEC sediment (marine water)	1.17 mg/kg sedim. dw (.)
PNEC aqua (intermittent releases)	0.037 mg/L (.)

108-32-7 propylene carbonate

PNEC aqua (freshwater)	0.9 mg/L (.)
PNEC aqua (marine water)	0.09 mg/L (.)
PNEC STP - Sewage Treatment Plant	7,400 mg/L (.)
PNEC soil	0.81 mg/kg soil dw (.)
PNEC aqua (intermittent releases)	9 mg/L (.)

· Ingredients with biological limit values:**101-68-8 diphenylmethane-4,4'-di-isocyanate**

BMGV (Great Britain)	1 µmol creatinine/mol Medium: urine Sampling time: At the end of the period od exposure Parameter: isocyanate-derived diamine
----------------------	--

(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 RS-88 Part B ISO

(Contd. from page 6)

- **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:**
In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.
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

Due to missing tests no recommendation to the glove material can be given for the substance.

- **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**



Tightly sealed safety glasses.

- **Body protection:**



Protective work clothing.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Physical state** Liquid
- **Colour:** Pale
- **Odour:** fusty
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** Not determined
- **Boiling point or initial boiling point and boiling range** > 300 °C
- **Flammability** Not applicable.

(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 RS-88 Part B ISO

(Contd. from page 7)

· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	> 110 °C (Setaflash closed cup)
· 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:	slowly reacts with water
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density	1.2 g/cm ³
· 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
· 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

(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 RS-88 Part B ISO

(Contd. from page 8)

· <i>Desensitised explosives</i>	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 inhaled.

· LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimates)

Inhalative	LC50	6.79 mg/l/4h
------------	------	--------------

25686-28-6 polyurethane resin, uncured

Oral	LD50	> 5,000 mg/kg (Rat) (OECD 425)
Dermal	LD50	> 9,400 mg/kg (rabbit) (OECD 402)

101-68-8 diphenylmethane-4,4'-di-isocyanate

Oral	LDL0	> 2,000 mg/kg (Rat)
------	------	---------------------

108-32-7 propylene carbonate

Oral	LD50	> 5,000 mg/kg (Rat) (OECD 401)
Dermal	LD50	> 2,000 mg/kg (rabbit) (OECD 402)

- **Primary irritant effect:**
- **Skin corrosion/irritation**
The product contains low concentrations of acidic or alkaline substances that lead to an extreme pH. The specific concentration limits of these substances are undercut or the substances themselves are not classified as corrosive.
Based on an expert assessment, a corrosive effect for the mixture can be ruled out.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation**
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Suspected of causing cancer.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** May cause respiratory irritation.
- **STOT-repeated exposure**
May cause damage to the respiratory system and the respiratory tract through prolonged or repeated exposure. Route of exposure: Inhalation.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

(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 RS-88 Part B ISO

(Contd. from page 9)

- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
Carc. 2
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

25686-28-6 polyurethane resin, uncured

EC50 (static)	> 1,000 mg/l/24h (Daphnia magna) (OECD 202)
EC0	> 3,000 mg/l/96h (Oryzias latipes)
EC50 (static)	> 1,640 mg/l/72h (Desmodesmus subspicatus) (OECD 201)

101-68-8 diphenylmethane-4,4'-di-isocyanate

EC50 (static)	> 1,000 mg/l/24h (Daphnia magna) (OECD 202)
EC50 (static)	9 mg/l/48h (Daphnia magna) (OECD 202)
EC50 (static)	> 100 mg/l/72h (Desmodesmus subspicatus) (OECD 201)
LC0 (static)	> 100 mg/l/96h (Danio rerio) (OECD 203)

108-32-7 propylene carbonate

EC50 (static)	> 1,000 mg/l/48h (Daphnia magna) (OECD 202)
EC50 (static)	> 900 mg/l/72h (Desmodesmus subspicatus) (OECD 201)
NOEC	> 100 mg/l/96h (Cyprinus carpio) (EU C.1)

- **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:**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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.

(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 RS-88 Part B ISO

(Contd. from page 10)

· **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)
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
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP7	Carcinogenic
HP13	Sensitising

· **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**

· 14.1 UN number or ID number · ADR/RID, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR/RID, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR/RID, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR/RID, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

(Contd. on page 12)

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 RS-88 Part B ISO

(Contd. from page 11)

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.
- **REGULATION (EC) No 1907/2006 ANNEX XVII**
 Respect restrictions according to annex XVII of regulation 1907/2006 no. 74 for Diisocyanates:
 1. Shall not be used as substances on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) after 24 August 2023, unless:
 - (a) the concentration of diisocyanates individually and in combination is less than 0,1 % by weight, or
 - (b) the employer or self-employed ensures that industrial or professional user(s) have successfully completed training on the safe use of diisocyanates prior to the use of the substance(s) or mixture(s).
 2. Shall not be placed on the market as substances on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) after 24 February 2022, unless:
 - (a) the concentration of diisocyanates individually and in combination is less than 0,1 % by weight, or
 - (b) the supplier ensures that the recipient of the substance(s) or mixture(s) is provided with information on the requirements referred to in point (b) of paragraph 1 and the following statement is placed on the packaging, in a manner that is visibly distinct from the rest of the label information: 'As from 24 August 2023 adequate training is required before industrial or professional use'.
 3. For the purpose of this entry 'industrial and professional user(s)' means any worker or self-employed worker handling diisocyanates on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) or supervising these tasks.
 Observe the restriction conditions of Annex XVII to Regulation No. 1907/2006 No. 56 for methyl diphenyl diisocyanate (MDI):
 1. Shall not be placed on the market after 27 December 2010, as a constituent of mixtures in concentrations equal to or greater than 0,1 % by weight of MDI for supply to the general public, unless suppliers shall ensure before the placing on the market that the packaging:
 - (a) contains protective gloves which comply with the requirements of Council Directive 89/686/ EEC;
 - (b) is marked visibly, legibly and indelibly as follows, and without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures:
 - '- Persons already sensitised to diisocyanates may develop allergic reactions when using this product.
 - Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.
 - This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.'
 2. By way of derogation, paragraph 1(a) shall not apply to hot melt adhesives.
 Taking into account the intended use as specified in section 1, the relevant entries from Annex XVII are carried out.
 Conditions of restriction: 56a, 74

· **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.

· **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.

(Contd. on page 13)

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 RS-88 Part B ISO

(Contd. from page 12)

· 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:
· 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.

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.

EUH204 Contains isocyanates. May produce an allergic reaction.

· 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.

© 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)

(Contd. on page 14)

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 RS-88 Part B ISO

(Contd. from page 13)

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. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Resp. Sens. 1: Respiratory sensitisation – Category 1
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

EU