

**Resin 8891 Component B**

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product Name Resin 8891 Component B  
Product code 722720000  
Trade Name 8891 B

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

Identified Use(s) Industrial/professional.  
Uses Advised Against As from 24 August 2023, adequate training is required before industrial or professional use.

**1.3 Details of the supplier of the safety data sheet**

Company Identification Scott AM Limited  
Address of Supplier Sutherland Works  
Beaufort Road  
Longton  
Stoke on Trent  
Staffordshire  
United Kingdom  
Postal code ST3 1RH  
Telephone: +44 (0) 1782 367 625  
Fax -  
E-mail info@scott-am.com  
Office hours 09:00 - 17:00

**1.4 Emergency telephone number**

Emergency Phone No. +44 (0) 7908 872524  
Contact Matthew Scott

National response centre  
Address NHS Direct  
Emergency Phone No. +44 111 / +44 999 / local emergency number

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567  
Skin Irrit. 2 :Causes skin irritation.  
Skin Sens. 1 :May cause an allergic skin reaction.  
Eye Irrit. 2 :Causes serious eye irritation.  
Acute Tox. 4 :Harmful if inhaled.  
Resp. Sens. 1 :May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
STOT SE 3 :May cause respiratory irritation.  
Carc. 2 :Suspected of causing cancer.  
STOT RE 2 :May cause damage to organs through prolonged or repeated exposure.

**2.2 Label elements**

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567  
Product Name Resin 8891 Component B

Hazard Pictogram(s)



GHS08



GHS07

## Resin 8891 Component B

Signal Word(s)	Danger
Hazard Statement(s)	<p>H315: Causes skin irritation.</p> <p>H317: May cause an allergic skin reaction.</p> <p>H319: Causes serious eye irritation.</p> <p>H332: Harmful if inhaled.</p> <p>H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p> <p>H335: May cause respiratory irritation.</p> <p>H351: Suspected of causing cancer.</p> <p>H373: May cause damage to organs through prolonged or repeated exposure.</p> <p>EUH204: Contains isocyanates. May produce an allergic reaction.</p>
Precautionary Statement(s)	<p>P260: Do not breathe mist/vapours/spray.</p> <p>P280: Wear protective gloves/eye protection.</p> <p>P302+P352: IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P501: Dispose of contents in accordance with local, state or national legislation.</p>

**2.3 Other hazards**

As from 24 August 2023, adequate training is required before industrial or professional use.

Not classified as PBT or vPvB. Endocrine disrupting properties: Not identified.

**2.4 Additional Information**

For full text of H/P Statements, see section 16.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances**

Not applicable.

**3.2 Mixtures**

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%	Hazard Statement(s)	Hazard Pictogram(s)
4,4'-methylenediphenyl diisocyanatediphenylmethane-4,4'-diisocyanate	101-68-8	202-966-0	30-60%	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Acute Tox. 4 H332 Resp. Sens. 1 H334 STOT SE 3 H335 Carc. 2 H351 STOT RE 2 H373	GHS08 GHS07

For full text of H/P Statements: see section 16.

## SECTION 4: FIRST AID MEASURES

**4.1 Description of first aid measures**

Inhalation Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, give oxygen.

**Resin 8891 Component B**

Skin Contact	Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Get medical advice/attention if you feel unwell. Wash affected skin with soap and water.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. If eye irritation persists: Get medical advice/attention.
Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Rinse mouth with water (do not swallow). Move person to fresh air.

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

May cause irritation. Allergic contact dermatitis. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically. Call a POISON CENTRE/doctor if you feel unwell.

**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media Do not use water jet.

**5.2 Special hazards arising from the substance or mixture**

May decompose in a fire, giving off toxic and irritant vapours.

**5.3 Advice for firefighters**

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Ensure suitable personal protection during removal of spillages. Avoid inhalation of vapours. When using do not smoke, eat or drink.

**6.2 Environmental precautions**

Do not discharge into drains or the environment, dispose to an authorised waste collection point.

**6.3 Methods and material for containment and cleaning up**

Stop leak if safe to do so. Eliminate sources of ignition. Adsorb spillages onto sand, earth or any suitable adsorbent material.

**6.4 Reference to other sections**

See Also: Section 8, 13.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

As from 24 August 2023, adequate training is required before industrial or professional use.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapours/spray. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/eye protection. [In case

## Resin 8891 Component B

of inadequate ventilation] wear respiratory protection. Avoid inhalation of vapours.

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

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep away from direct sunlight.

Storage life Stable under normal conditions.

**7.3 Specific end use(s)**

Not known.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

## 8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Isocyanates, all (as -NCO) Except methyl isocyanate	101-68-8		0.02		0.07	Sen

Region United Kingdom Source UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark Sen Notes Capable of causing occupational asthma.

Biological Exposure Indices						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
Isocyanates (applies to HDI, IPDI, TDI and MDI)	101-68-8	At the end of the period of exposure	urine	isocyanate-derived diamine	1 µmol isocyanate-derived diamine/mol creatinine	

Remark Notes

**8.2 Exposure controls**

8.2.1. Appropriate engineering controls Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

## 8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374). Check with protective equipment manufacturer's data. Gloves should be changed if excessive exposure has occurred.



Respiratory protection

In case of inadequate ventilation, wear respiratory protection. A suitable mask with filter type A may be appropriate.

## Resin 8891 Component B

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

Appearance	Liquid.
	Colour: Pale yellow
Odour	Almost odourless
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	Not known.
Solubility(ies)	Solubility (Water): Not known. Solubility (Other): Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	170 mPa.s at 25°C
Explosive properties	Not known.
Oxidising properties	Not known.

## 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

## 10.1 Reactivity

Stable under normal conditions. Reacts with active hydrogen compounds such as water, alcohol and amine and generates heat. If mixed with water, carbon dioxide is generated which may cause containers to rupture or explode. Contact with basic substances or organic metallic compounds, may generate heat due to polymerization.

## 10.2 Chemical Stability

Stable under normal conditions.

## 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

## 10.4 Conditions to avoid

Avoid contact with heat and ignition sources.

## 10.5 Incompatible materials

Avoid contact with water.

## 10.6 Hazardous decomposition products

Combustion may cause toxic fumes.

## SECTION 11: TOXICOLOGICAL INFORMATION

## 11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Not classified.
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Harmful if inhaled.

## Resin 8891 Component B

Skin corrosion/irritation	Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 12.87
Serious eye damage/irritation	Calculation method : Causes skin irritation.
Skin sensitization data	Calculation method : Causes serious eye irritation.
Respiratory sensitization data	Calculation method : May cause an allergic skin reaction.
	Calculation method : May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Suspected of causing cancer.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : May cause respiratory irritation.
STOT - repeated exposure	Calculation method : May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	Calculation method : Not classified.

### 11.2 Other information

Not known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

### 12.2 Persistence and degradability

The polymer part of the product is eliminated only with difficulty.

### 12.3 Bioaccumulative potential

The product has no potential for bioaccumulation.

### 12.4 Mobility in soil

Not known.

### 12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

### 12.6 Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Refer to manufacturer or supplier for information on recovery or recycling. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

### 13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

## SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

**Resin 8891 Component B**

<b>14.1 UN number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Environmental hazards</b>	Not classified as a Marine Pollutant.
<b>14.6 Special precautions for user</b>	Not known
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not known

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

United Kingdom Regulations - Authorisations and/or Restrictions On Use	
UK REACH Candidate List of Substances of Very High Concern for Authorisation	Not listed
UK REACH Authorisation List (Annex XIV) list of substances subject to authorisation	Not listed
UK REACH Restrictions List (Annex XVII) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	4,4'-Methylenediphenyl diisocyanate (101-68-8)
UK REACH Rolling Action Plan (RAP)	Not listed
The Persistent Organic Pollutants Regulations 2007 (SI 2007/3106) as amended	Not listed
The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019/583)	Not listed
The Prior Informed Consent (PIC) Regulations concerning the export and import of hazardous chemicals SI2008/2108 as amended	Not listed
European Regulations - Authorisations and/or Restrictions On Use	
Community Rolling Action Plan (CoRAP)	4,4'-methylenediphenyl diisocyanate (101-68-8)

**15.2 Chemical Safety Assessment**

United Kingdom A REACH chemical safety assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements:

**LEGEND**

## Resin 8891 Component B

## Hazard Pictogram(s)



GHS08



GHS07

## Hazard classification

Skin Irrit. 2 : Skin corrosion/irritation, Category 2  
 Skin Sens. 1 : Skin sensitization, Category 1  
 Eye Irrit. 2 : Serious eye damage/irritation, Category 2  
 Acute Tox. 4 : Acute toxicity, Category 4  
 Resp. Sens. 1 : Respiratory sensitization, Category 1  
 STOT SE 3 : Specific target organ toxicity — single exposure, Category 3  
 Carc. 2 : Carcinogenicity, Category 2  
 STOT RE 2 : Specific target organ toxicity — repeated exposure, Category 2

## Hazard Statement(s)

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.

## Precautionary Statement(s)

P201: Obtain special instructions before use.  
 P202: Do not handle until all safety precautions have been read and understood.  
 P260: Do not breathe mist/vapours/spray.  
 P261: Avoid breathing mist/vapours/spray.  
 P264: Wash hands and exposed skin 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.  
 P280: Wear protective gloves/eye 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.  
 P312: Call a POISON CENTRE/doctor if you feel unwell.  
 P314: Get medical advice/attention if you feel unwell.  
 P321: Specific treatment (see Medical Advice on this label).  
 P332+P313: If skin irritation occurs: Get medical advice/attention.  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P342+P311: If experiencing respiratory symptoms: Call a POISON CENTRE/doctor.  
 P362+P364: Take off contaminated clothing and wash it before reuse.  
 P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
 P405: Store locked up.  
 P501: Dispose of contents in accordance with local, state or national legislation.  
 P502: Refer to manufacturer or supplier for information on recovery or recycling.



**Resin 8891 Component B**

---

## Acronyms

ATE : Acute Toxicity Estimate  
CAS : Chemical Abstracts Service  
DNEL : Derived No Effect Level  
EC : European Community  
EINECS : European Inventory of Existing Commercial Chemical Substances  
LTEL : Long term exposure limit  
PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration  
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
STEL : Short term exposure limit  
STOT : Specific Target Organ Toxicity  
vPvB : very Persistent and very Bioaccumulative

## Key literature references and sources for data used to compile the SDS

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

## Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.