

Resin 6095 Component B

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

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

Product Name Resin 6095 Component B
Product Code 722260000
Trade Name 6095 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

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

Regulation (EC) No. 1272/2008 (CLP) Skin Irrit. 2: Causes skin irritation.
Skin Sens. 1: May cause an allergic skin reaction.
Eye Irrit. 2: Causes serious eye irritation.
Acute Tox. 2: Fatal if inhaled.
Resp. Sens. 1: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
STOT SE 3: May cause respiratory irritation.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)
Product Name Resin 6095 Component B

Hazard Pictogram(s)



GHS06



GHS08

Signal Word(s)

Danger

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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>H330: Fatal if inhaled.</p> <p>H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p> <p>H335: May cause respiratory irritation.</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+P310: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE/doctor.</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>P403+P233: Store in a well-ventilated place. Keep container tightly closed.</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. / REACH Registration No.	%	Hazard Statement(s)	Hazard Pictogram(s)
4,4'-methylenedi(cyclohexyl isocyanate)dicyclohexylmethane-4,4'-di-isocyanate	5124-30-1	225-863-2	50-90%	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Acute Tox. 2 H330 Resp. Sens. 1 H334 STOT SE 3 H335	GHS06 GHS08 GHS07
1,3,5-tris(6-isocyanatohexyl)biuret	4035-89-6	223-718-8	10-40%	Skin Sens. 1 H317 Resp. Sens. 1 H334	GHS08 GHS07
hexamethylene-di-isocyanate	822-06-0	212-485-8	< 1%	Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Acute Tox. 1 H330 Resp. Sens. 1 H334 STOT SE 3 H335	GHS06 GHS08 GHS07

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
4,4'-methylenedi(cyclohexyl isocyanate)dicyclohexylmethane-4,4'-di-isocyanate	5124-30-1	Skin Sens. 1	C>= 0.50 <= 100.00	Acute Tox. 2 (H330) : 0.434

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		Resp. Sens. 1	C>= 0.50 <= 100.00		
hexamethylene-di-isocyanate	822-06-0	Skin Sens. 1	C>= 0.50 <= 100.00		Acute Tox. 4 (H302) : 500 Acute Tox. 1 (H330) : 0.005
		Resp. Sens. 1	C>= 0.50 <= 100.00		

Contains no non-classified vPvB substances or substances with a Union workplace exposure limit.

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. Apply artificial respiration if necessary (do not employ mouth-to-mouth method). Get immediate medical advice/attention.
Skin Contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Eye Contact	If substance has got into the eyes, immediately wash out with plenty of water. Irrigate eyes thoroughly whilst lifting eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Rinse mouth with water (do not swallow). Do NOT induce vomiting. Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

Irritating to eyes, respiratory system and skin. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause wheeziness. Coughing. May cause an allergic skin reaction. Redness. Watering of eyes.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment and supportive therapy as indicated.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media Use water spray, foam, dry powder or CO2 to extinguish.

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. Decomposition products may include nitrogen oxides.

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. Do not breathe mist/vapours/spray. Avoid contact with skin and eyes. Ensure full personal protection (including respiratory protection) during removal of spillages.

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6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

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.

Do not breathe mist/vapours/spray. Wash hands and exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection. [In case of inadequate ventilation] wear respiratory protection. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

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

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

Avoid contact with water. Amines.

7.3 Specific end use(s)

Industrial/professional.

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 ³)	STEL (ppm)	STEL (mg/m ³)	Note
Isocyanates, all (as –NCO) Except methyl isocyanate	822-06-0		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)	5124-30-1	At the end of the period of exposure	urine	isocyanate-derived diamine	1 µmol isocyanate-derived diamine/mol creatinine	
Isocyanates (applies to HDI, IPDI, TDI and MDI)	822-06-0	At the end of the period of exposure	urine	isocyanate-derived diamine	1 µmol isocyanate-derived diamine/mol creatinine	

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Isocyanates (applies to HDI, IPDI, TDI and MDI)	822-06-0	At the end of the period of exposure	urine	isocyanate-derived diamine	1 µmol isocyanate-derived diamine/mol creatinine	
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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 (EN ISO 16321-1).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer. Gloves should be changed regularly to avoid permeation problems.



Respiratory protection

Where engineering controls are not fitted or inadequate wear suitable respiratory protective equipment. A suitable mask with filter type A (EN14387 or EN405) may be appropriate. PF200: 200 x Protection Factor

8.2.3. Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Physical state	Liquid.
Colour	Colourless.
Odour	Almost odourless.
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Not known.
Kinematic Viscosity	140 mPa.s @ 25°C
Solubility	Solubility (Water): Not known. Solubility (Other): Soluble in aromatic hydrocarbons, halogenated solvents and ketones.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	< 0.01 Pa @ 20°C
Density and/or relative density	Relative density: 1.09
Relative vapour density	Not known.
Particle characteristics	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

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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

Heat.

10.5 Incompatible materials

Avoid contact with: Water. Alcohols. Amines.

10.6 Hazardous decomposition products

Combustion may cause toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Ingestion	Calculation method: Not classified. Calculation method: Calculated acute toxicity estimate (ATE) Calc ATE - 250000
Acute toxicity - Skin Contact	Calculation method: Not classified.
Acute toxicity - Inhalation	Calculation method: Fatal if inhaled. Calculation method: Calculated acute toxicity estimate (ATE) Calc ATE - 0.5 LC50 (inhalation) mg/l/4h: 0.434 (rat)
Skin corrosion/irritation	Calculation method: Causes skin irritation.
Serious eye damage/irritation	Calculation method: Causes serious eye irritation.
Skin sensitization data	Calculation method: May cause an allergic skin reaction.
Respiratory sensitization data	Calculation method: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Germ cell mutagenicity	Calculation method: Not classified.
Carcinogenicity	Calculation method: Not classified.
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: Not classified.
Aspiration hazard	Calculation method: Not classified.

11.2 Information on other hazards

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

Not known.

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12.3 Bioaccumulative potential Not known.

12.4 Mobility in soil Not known.

12.5 Results of PBT and vPvB assessment Not known.

12.6 Endocrine disrupting properties None known.

12.7 Other adverse effects Not 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.

14.1 UN number or ID number Not applicable

14.2 UN proper shipping name Not applicable

14.3 Transport hazard class(es) Not applicable

14.4 Packing group Not applicable

14.5 Environmental hazards Not classified as a Marine Pollutant.

14.6 Special precautions for user Not known

14.7 Maritime transport in bulk according to IMO instruments Not known

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Not listed

Very High Concern for Authorisation

REACH: ANNEX XIV list of Not listed

substances subject to authorisation

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REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	4,4'-methylenedicyclohexyl diisocyanate (5124-30-1), HEXAMETHYLENE DIISOCYANATE (822-06-0), 1,3,5-tris(6-isocyanatohexyl)biuret (4035-89-6)
Community Rolling Action Plan (CoRAP)	Not listed
Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants	Not listed
Regulation (EC) N° 2024/590 on substances that deplete the ozone layer	Not listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals	Not listed

National regulations

WGK number WGK class 1 (official).

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

LEGEND

Hazard Pictogram(s)



GHS06



GHS08

GHS07: GHS: Exclamation mark

Hazard classification

Acute Tox. 4: Acute toxicity, Category 4
 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. 1: Acute toxicity, Category 1
 Acute Tox. 2: Acute toxicity, Category 2
 Resp. Sens. 1: Respiratory sensitization, Category 1
 STOT SE 3: Specific target organ toxicity — single exposure, Category 3

Hazard Statement(s)

H302: Harmful if swallowed.
 H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H319: Causes serious eye irritation.
 H330: Fatal if inhaled.
 H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H335: May cause respiratory irritation.

Precautionary Statement(s)

P260: Do not breathe mist/vapours/spray.
 P280: Wear protective gloves/eye protection.
 P302+P352: IF ON SKIN: Wash with plenty of water.

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P304+P340+P310: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE/doctor.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Acronyms

ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
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

Regulation (EC) No. 1272/2008 (CLP)

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