



Section 1. Product and Company Identification.

1.1 Model Number; SCS401 v1
1.2 Description; Quick-Set 5 Min Epoxy Adhesive 25ml
Hardener

1.3 Manufacturer;

Sealey Group.
Kempson Way,
Bury St. Edmunds,
Suffolk.
IP32 7AR

1.4 Emergency telephone number; 44 (0) 1284 757 500 (Office Hours)

Date of source compilation; 16 January 2019

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

xxx

2.2 Label elements.

Hazard pictogram(s)



Signal Word. Warning.

Precautionary statements;

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash exposed skin thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents / container to comply with Local and Nationals and International regulations.

2.3 Other hazards.

None identified.



Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Weight	Classification	
			Hazard Class & Category Code	Hazard Statements
Pentaerythritol-PO-mercaptoglycerol	72244-98-5	85 %	-	-
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	10 %	Acute Tox. 4 Skin Irrit. 2 Eye Irrit. 2	H302 H315 H319

¹For full text of Phrases and Statements, see Section 16.

Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so.
Get medical attention.

Skin Contact

Wash immediately with plenty of soap and water.

Eye Contact

Bathe the eye with running water for 15 minutes.

Ingestion

Wash out mouth with water.
Do not induce vomiting.
Get medical attention.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.
There may be difficulty swallowing.
Nausea and stomach pain may occur.
There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

Delayed / immediate effects:

Immediate effects can be expected after short-term exposure.

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

Eye bathing equipment should be available on the premises.



Section 5. Fire Fighting Measures.

5.1. Extinguishing media

Suitable extinguishing media for the surrounding fire should be used.
Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Combustion emits toxic fumes.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus.
Wear protective clothing to prevent contact with skin and eyes.

Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures

Mark out the contaminated area with signs and prevent access to unauthorised personnel.
Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Do not discharge into drains or rivers.
Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Absorb into dry earth or sand.
Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

See Section 7 for information on Safe Handling
See Section 8 for information of Personal Protective Equipment.
See Section 13 for information on disposal.

Section 7. Handling and Storage.

7.1. Precautions for safe handling

Avoid the formation or spread of mists in the air.
Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated area.
Keep container tightly closed.
Must only be kept in original packaging

7.3. Specific end use(s)

Intended for use as the Hardener for the product identified in 1.1 with Description stated in 1.2.



Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash exposed skin thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents / container to comply with Local and Nationals and International regulations.

8.2. Exposure controls

Appropriate Engineering Controls

Ensure there is sufficient ventilation of the area.

Eye/Face Protection

Safety glasses with side shields or chemical safety goggles.

Ensure eye bath is to hand.

Skin Protection

EN 374 Chemical resistant protective gloves.

Wear suitable protective clothing.

Respiratory Protection

Self-contained breathing apparatus must be available in case of emergency.



Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties

The following information is not a technical specification or sales specification.

(a) Appearance:	Yellow liquid.
(b) Odour:	Characteristic odour.
(c) Odour threshold;	No data available.
(d) pH:	No data available.
(e) Melting point/freezing point;	Not relevant.
(f) Initial boiling point and boiling range;	Not relevant.
(g) Flash point;	> 93°C
(h) Evaporation rate;	No data available.
(i) Flammability (solid, gas);	No data available.
(j) Upper/lower flammability or explosive limits;	No data available.
(k) Vapour pressure;	No data available.
(l) Vapour density;	Not relevant.
(m) Relative density;	1.13
(n) Solubility(ies);	No data available.
(o) Partition coefficient: n-octanol/water;	No data available.
(p) Auto-ignition temperature;	No data available.
(q) Decomposition temperature;	No data available.
(r) Viscosity;	No data available.
(s) Explosive properties;	No data available.
(t) Oxidising properties.	No data available.

9.2 Other information No data available.

Section 10. Stability and Reactivity.

10.1. Reactivity	Stable under recommended transport or storage conditions.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
10.4. Conditions to avoid	Heat.
10.5. Incompatible materials	Strong oxidising agents. Strong acids.
10.6. Hazardous decomposition products	Combustion emits toxic fumes.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

Hazardous ingredients:

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL

ORL	RAT	LD50	1200	mg/kg
SKN	RAT	LD50	1280	mg/kg

Toxicity values: No information available.



Section 12. Ecological Information.

12.1. Toxicity	No data available.
12.2. Persistence and degradability	No data available.
12.3. Bioaccumulative potential	None.
12.4. Mobility in soil	Readily absorbed into soil.
12.5. Results of PBT and vPvB assessment	This product is not identified as a PBT/vPvB substance.
12.6. Other adverse effects	No data available.

Section 13. Disposal Considerations.

13.1. Waste treatment methods
Dispose of in accordance with local authority regulations.

Section 14. Transport Information.

Not regulated for transport.

Section 15. Regulatory Information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available.

15.2. Chemical safety assessment
No data available.

Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

The above information is believed to be accurate and represents the best information currently available.

No warranty is expressed or implied by the above information.

We assume no liability resulting from use of the above information.

The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	06/04/16	First issue.
2	20/03/17	Format only.
3	14/05/19	Sections 2, 4, 8 & 9

End of Safety Data Sheet.



Section 1. Product and Company Identification.

1.1 Model Number; SCS401 v1
1.2 Description; Quick-Set 5 Min Epoxy Adhesive 25ml
Epoxy Resin.

1.3 Manufacturer;

Sealey Group.
Kempson Way,
Bury St. Edmunds,
Suffolk.
IP32 7AR

1.4 Emergency telephone number; 44 (0) 1284 757 500 (Office Hours)

Date of source compilation; 12 June 2018

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

Eye Irrit. 2: H319; Skin Irrit. 2: H315

2.2 Label elements.

Hazard pictogram(s)



Signal Word. Warning.

Precautionary statements;

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash exposed skin thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P501: Dispose of contents/container to comply with Local, National and International regulations.

2.3 Other hazards.

None identified.



Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Weight	Classification	
			Hazard Class & Category Code	Hazard Statements
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight \leq 700)	25068-38-6	70 – 91 %	Skin Irrit. 2 Eye Irrit. 2 Skin Sens. 1 Aquatic Chronic 2	H315 H319 H317 H411
2-(chloromethyl)oxirane; Formaldehyde; Phenol	28064-14-4	1 – 10 %	-	-

¹For full text of Phrases and Statements, see Section 16.

Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so.
Get medical attention.

Skin Contact

Wash immediately with plenty of soap and water.
Remove contaminated clothes immediately unless stuck to skin.

Eye Contact

Bathe the eye with running water for 15 minutes.
Get medical attention.

Ingestion

Wash out mouth with water.
Get medical attention.

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

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness. Eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
 Exposure may cause coughing or wheezing..

Delayed / immediate effects:

Immediate effects can be expected after short-term exposure.

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

Eye bathing equipment should be available on the premises.



Section 5. Fire Fighting Measures.

5.1. Extinguishing media

Suitable extinguishing media for the surrounding fire should be used.
Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Combustion emits toxic fumes.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus.
Wear protective clothing to prevent contact with skin and eyes.

Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures

Mark out the contaminated area with signs and prevent access to unauthorised personnel.
Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Do not discharge into drains or rivers.
Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Absorb into dry earth or sand.
Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

See Section 7 for information on Safe Handling
See Section 8 for information of Personal Protective Equipment.
See Section 13 for information on disposal.

Section 7. Handling and Storage.

7.1. Precautions for safe handling

Ensure adequate ventilation.
Avoid the formation or spread of mists in the air.
Avoid direct contact with the substance.
Do not handle in confined spaces.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated area.
Keep container tightly closed.
Must only be kept in original packaging

7.3. Specific end use(s)

Intended for use as the Epoxy Resin for the product identified in 1.1 with Description stated in 1.2.



Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash exposed skin thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P501: Dispose of contents/container to comply with Local, National and International regulations.

8.2. Exposure controls

Appropriate Engineering Controls

Ensure there is sufficient ventilation of the area.

Eye/Face Protection

Safety glasses with side shields or chemical safety goggles.

Ensure eye bath is to hand.

Skin Protection

EN 374 Chemical resistant protective gloves.

Wear suitable protective clothing.

Respiratory Protection

Self-contained breathing apparatus must be available in case of emergency.



Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties

The following information is not a technical specification or sales specification.

(a) Appearance:	Yellow liquid.
(b) Odour:	Slight odour.
(c) Odour threshold;	No data available.
(d) pH:	No data available.
(e) Melting point/freezing point;	Not relevant.
(f) Initial boiling point;	> 200 °C.
(g) Flash point;	> 150 °C.
(h) Evaporation rate;	No data available.
(i) Flammability (solid, gas);	No data available.
(j) Upper/lower flammability or explosive limits;	No data available.
(k) Vapour pressure;	No data available.
(l) Vapour density;	Not relevant.
(m) Relative density;	1.17 @ 20 °C
(n) Solubility(ies);	Insoluble in water.
(o) Partition coefficient: n-octanol/water;	No data available.
(p) Auto-ignition temperature;	No data available.
(q) Decomposition temperature;	No data available.
(r) Viscosity;	No data available.
(s) Explosive properties;	No data available.
(t) Oxidising properties.	No data available.

9.2 Other information

Kinematic viscosity 8000 – 15000 @ 25°C mPa.s

Section 10. Stability and Reactivity.

10.1. Reactivity

Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Strong oxidising agents.

Strong acids.

10.6. Hazardous decomposition products

In combustion emits toxic fumes.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

Hazardous ingredients:

BISPHEMNOL

Bisphenol-A-(epichlorhydrin). Reaction product.

ORL	MUS	LD50	15600	mg/kg
ORL	RAT	LD50	11400	mg/kg
SKN	RBT	LD50	>20	ml/kg



Section 12. Ecological Information.

12.1. Toxicity	No data available.
12.2. Persistence and degradability	Not biodegradable.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	Readily absorbed into soil.
12.5. Results of PBT and vPvB assessment	This product is not identified as a PBT/vPvB substance.
12.6. Other adverse effects	Toxic to aquatic life with long lasting effects.

Section 13. Disposal Considerations.

13.1. Waste treatment methods	Dispose of in accordance with local authority regulations.
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Section 14. Transport Information.

ADR. International Carriage of Dangerous Goods by Road.

14.1. UN number	UN 3082
14.2. Name and Description	Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A-(epichlorhydrin). Reaction product.)
14.3. Transport hazard class(es)	9
14.4. Packing group	III
14.5. Environmental hazards	Toxic to aquatic life with long lasting effects.
14.6. Special precautions for user	No special precautions necessary.

IATA. International Air Transport Association.

14.1. UN number	UN 3082
14.2. UN Proper Shipping Name/Description	Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A-(epichlorhydrin). Reaction product.)
14.3. Transport hazard class(es)	9
14.4. Packing group	III
14.5. Environmental hazards	Toxic to aquatic life with long lasting effects.
14.6. Special precautions for user	No special precautions necessary.

IMDG. International Maritime Dangerous Goods.

14.1. UN number	UN 3082
14.2. UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A-(epichlorhydrin). Reaction product.)
14.3. Transport hazard class(es)	9
14.4. Packing group	III
14.5. Environmental hazards	Toxic to aquatic life with long lasting effects.
14.6. Special precautions for user	No special precautions necessary.
14.7. Transport in bulk – Maritime only.	Bulk transport is not applicable to this product



Section 15. Regulatory Information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available.

15.2. Chemical safety assessment
No data available.

Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.

The above information is believed to be accurate and represents the best information currently available.
No warranty is expressed or implied by the above information.
We assume no liability resulting from use of the above information.
The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	14/05/19	First issue.

End of Safety Data Sheet.