Section 1. Product and Company Identification.

1.1 Model Number; SCS400 v1

1.2 Description; Slow-Set 20 Minute 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; 11/05/2012

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.
Acute Tox. 4: H302; Repr. 2: H361; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
Skin Corr. 1B: H314; Skin Sens. 1: H317
2.2 Label elements.
Hazard pictogram(s)

Signal Word. Danger

Hazard statements;
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H361 Suspected of damaging fertility. Suspected of damaging the unborn child.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements;
P102: Keep out of reach of children.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P308+313: IF exposed or concerned: Get medical advice/attention.

2.3 Other hazards.
No data available.

Section 3. Substances.

3.1 Chemical Name (substance)	**3.1 CAS No.**	**3.2 Concentration Weight**	**Classification**	
			Hazard Class & Category Code	**Hazard Statements** [1]
NONYLPHENOL 25154-52-3 50-90% Repr. 2	NONYLPHENOL 25154-52-3 50-90% Repr. 2	NONYLPHENOL 25154-52-3 50-90% Repr. 2	NONYLPHENOL 25154-52-3 50-90% Repr. 2	NONYLPHENOL 25154-52-3 50-90% Repr. 2
Acute Tox. 4 *	Acute Tox. 4 *	Acute Tox. 4 *	Acute Tox. 4 *	Acute Tox. 4 *

[1]For full text of Statements, see Section 16.

Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

Move casualty to fresh air.
Get medical attention as soon as possible.

Skin Contact

Remove all contaminated clothes and footwear immediately unless stuck to skin.
Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
Get medical attention if necessary.

Eye Contact

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

Ingestion

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

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

Inhalation: There may be shortness of breath with a burning sensation in the throat.
Exposure may cause coughing or wheezing.

Skin contact: Blistering may occur.
Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur.
May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips.
Blood may be vomited.
There may be bleeding from the mouth or nose.

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.
A decontamination shower should be available on the premises.

Section 5. Fire Fighting Measures.

5.1. Extinguishing media
Carbon dioxide. Dry chemical powder. Alcohol resistant foam.
Do not use direct water stream, as this may spread the fire.
Water can be used to cool fire exposed containers

5.2. Special hazards arising from the substance or mixture
Corrosive. In 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
If outside keep bystanders upwind and away from danger point.
Mark out the contaminated area with signs and prevent access to unauthorised personnel.
Do not attempt to take action without suitable protective clothing.
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.
Discharge into watercourses must immediately be alerted to the Environment Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up
Clean-up should be dealt with only by qualified personnel familiar with the specific substance.
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 direct contact with the substance.
Ensure there is sufficient ventilation of the area.
Do not handle in a confined space.
Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities
Store in 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 Hardener for Adhesive, Model Number identified in 1.1 with Description stated in 1.2.

Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters
P102: Keep out of reach of children.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P308+313: IF exposed or concerned: Get medical advice/attention.

8.2. Exposure controls

Appropriate Engineering Controls
Ensure there is sufficient ventilation of the area.
Local exhaust ventilation may be required in poorly ventilated areas.

Eye/Face Protection
Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin Protection
Impermeable protective clothing.
Butyl gloves. Neoprene gloves. PVC gloves. Rubber gloves. Viton gloves.
Breakthrough time of the glove material > 4 hours.

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:	Colourless to yellow liquid.
(b) Odour:	Amine like.
(c) Odour threshold;	No data available.
(d) pH:	8.5 - 11
(e) Melting point/freezing point;	No data available.
(f) Boiling point;	> 200 °C
(g) Flash point;	> 100 °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;	5 hPa @ 50°C
(l) Vapour density;	No data available.
(m) Relative density;	0.98
(n) Solubility(ies);	Not miscible 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 -

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. Strong bases. Alcohols. Acrylates. Aldehydes. Halogenated hydrocarbons. Ketones. Nitrites.
10.6. Hazardous decomposition products	Decomposition products can include and are not limited to: Ammonia, Ethylenediamine, Phenol, volatile amines and Phenolics.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	DRM ING	Hazardous: calculated
Corrosivity	OPT INH DRM	Hazardous: calculated
Sensitivity	DRM	Hazardous: calculated
Toxicity for reproduction	-	Hazardous: calculated

Opt - Optical

Inh - Inhalation

Drm – Dermal

Symptoms / routes of exposure

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips.

Blood may be vomited.

There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat.

Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12. Ecological Information.

12.1. Toxicity	No data available.
12.2. Persistence and degradability	Not readily biodegradable.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	This substance is not identified as a PBT substance.

12.6. Other adverse effects

NONYLPHENOL	Material is very toxic to aquatic organisms (LC50/EC50/IC50 below 1 mg/L in the most sensitive species).
2-PIPERAZIN-1-YLETHYLAMINE	Material is harmful to aquatic organisms (LC50/EC50/IC50 between 10 and 100 mg/L in the most sensitive species).

Section 13. Disposal Considerations.

13.1. Waste treatment methods

Dispose of in accordance with local authority regulations.

Section 14. Transport Information.

ADR. International Carriage of Dangerous Goods by Road.

14.1. UN number	UN 3316
14.2. Name and Description	Chemical Kit
14.3. Class	9
14.4. Packing group	Nil
14.5. Environmental hazards	Does not present an environmental hazard as shipped.
14.6. Special precautions for user	No special precautions necessary.

IATA. International Air Transport Association.

14.1. UN number	UN 3316
14.2. UN Proper Shipping Name/Description	Chemical Kit
14.3. Class or Division	9
14.4. Packing group	Nil
14.5. Environmental hazards	Does not present an environmental hazard as shipped.
14.6. Special precautions for user	No special precautions necessary.

IMDG. International Maritime Dangerous Goods.

14.1. UN number	UN 3316
14.2. UN proper shipping name	Chemical Kit
14.3. Class	9
14.4. Packing group	Nil
14.5. Environmental hazards	Does not present an environmental hazard as shipped.
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;

H361 Suspected of damaging fertility. Suspected of damaging the unborn child.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic with long lasting effects.
H410 Very 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	06/04/2016	First issue.
2	16/03/2024	Section 1.2
3	06/11/2024	Sections 4 and 14

End of Safety Data Sheet.

Section 1. Product and Company Identification.

1.1 Model Number; SCS400 v1

1.2 Description; Slow-Set 20 Minute Epoxy Adhesive 25ml 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; 12/06/2018

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

Section 2. Hazards Identification, continued.

Hazard statements;
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.
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** [1]
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 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 %		

[1]For full text of 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 confirmed 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 Resin for Adhesive, Model Number 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 poin;	> 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;	No data available.
(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

No data available.

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.

Section 14. Transport Information.

ADR. International Carriage of Dangerous Goods by Road.

14.1. UN number	UN 3316
14.2. Name and Description	Chemical Kit
14.3. Class	9
14.4. Packing group	Nil
14.5. Environmental hazards	Does not present an environmental hazard as shipped.
14.6. Special precautions for user	No special precautions necessary.

IATA. International Air Transport Association.

14.1. UN number	UN 3316
14.2. UN Proper Shipping Name/Description	Chemical Kit
14.3. Class or Division	9
14.4. Packing group	Nil
14.5. Environmental hazards	Does not present an environmental hazard as shipped.
14.6. Special precautions for user	No special precautions necessary.

IMDG. International Maritime Dangerous Goods.

14.1. UN number	UN 3316
14.2. UN proper shipping name	Chemical Kit
14.3. Class	9
14.4. Packing group	Nil
14.5. Environmental hazards	Does not present an environmental hazard as shipped.
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	06/03/2021	First issue.
2	06/11/2024	Sections 11 and 14.

End of Safety Data Sheet.