Section 1. Product and Company Identification.

1.1 Model Number; SCS501 v1

1.2 Description; Rapid Set MMA Adhesive 50ml
Resin
Unique Formula Identifier (UFI): G830-30X0-000C-JC8W

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; 15/10/2024

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

H224 Extremely flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements.

Hazard pictogram(s)

Signal Word. Danger

Hazard statements;

H224 Extremely flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements;

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P235 Keep cool.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective clothing, eye protection, face protection, protective gloves.

2.3 Other hazards.

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P235 Keep cool.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective clothing, eye protection, face protection, protective gloves.

Section 3. Substances.

3.1 Chemical Name (substance)	**3.1 CAS No.**	**3.2 Concentration Weight**	**Classification**	
			Hazard Class & Category Code	**Hazard Statements** [1]
Methyl methacrylate	80-62-6	40 – 60 %	Flam. Liq. 2 STOT SE 3 Skin Irrit. 2 Skin Sens. 1	H225 H335 H315 H317
Triethylene Glycol Dimethacrylate	109-16-0	7 – 10 %	-	-
2-Methylpropenoic Acid	79-41-4	5 – 7 %	Acute Tox. 4 Acute Tox. 4 Skin Corr. 1A	H312 H302 H314
Cumene Hydroperoxide	-	1 - 3 %	-	-
p-Toluene Sulfonyl Chloride	-	1 - 3 %	-	-
2,6-di-tert-butyl-p-cresol	-	1 - 3 %	-	-
Methanol	-	< 0.25 %	-	-

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

Section 4. First Aid Measures.

4.1 Description of first aid measures

First Aid measures, general. Call a poison centre or a doctor if unwell. Quote UFI in Section 1.2.

Inhalation
Remove to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact
Rinse skin with water/shower.
Take off immediately all contaminated clothing.
Immediately call a POISON CENTER or doctor/physician.

Eye Contact
Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do so.
Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.

Ingestion
Rinse mouth.
Do not induce vomiting.
Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed
May cause drowsiness or dizziness.

Inhalation	May cause respiratory irritation.
Skin Contact	Burns. May cause an allergic skin reaction.
Eye Contact	Causes serious eye damage.
Ingestion	Burns.

4.3. Indication of any immediate medical attention and special treatment needed
No data available.

Section 5. Fire Fighting Measures.

5.1. Extinguishing media
Carbon dioxide. Dry powder. Foam. Water spray.
Unsuitable extinguishing media: Water.

5.2. Special hazards arising from the substance or mixture
Highly flammable liquid and vapour.
Toxic fumes released.

5.3. Advice for fire-fighters
Wear appropriate protective equipment.

Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures
Ensure good ventilation.
Keep away from all sources of ignition.
No smoking.
Avoid breathing vapours.

6.2. Environmental precautions
Prevent from entering sewars / water courses.
Prevent release to the environment.

6.3. Methods and material for containment and cleaning up
Take up spills with absorbent material.

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
Keep away from all sources of ignition.
Keep away from heat sources.
Keep away from direct sunlight.
No smoking.
Avoid breathing vapours.
Take precautionary measures against static discharge.
Use only non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities
Ensure good ventilation.
Ground/bond container.

7.3. Specific end use(s)
Intended for use as Resin for Model Number identified in 1.1 with Description stated in 1.2.

Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters
Workplace exposure limits.

Substance	CAS number	Workplace exposure limit. Long term.		Short term.	
		ppm	mg.m^3	ppm	mg.m^3
Methyl methacrylate	80-62-6	50	208	100	416
2-Methylpropenoic Acid	79-41-4	20	72	40	143

8.2. Exposure controls

Appropriate Engineering Controls
Ensure good ventilation.

Eye/Face Protection
EN 166 safety glasses with side shields.
EN ISO 374 Nitrile rubber gloves.

Skin Protection
EN 14605 Protective Clothing.

Respiratory Protection
EN 14387 Full Face Mask.

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:	Paste. Various colours. White.
(b) Odour:	Pungent.
(c) Odour threshold;	No data available.
(d) pH:	No data available.
(e) Melting point/freezing point;	No data available.
(f) Initial boiling point and boiling range;	No data available.
(g) Flash point;	15 °C
(h) Evaporation rate;	No data available.
(i) Flammability (solid, gas);	Extremely flammable liquid and vapour.
(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;	No data available.
(n) Solubility(ies);	No data available.
(o) Partition coefficient: n-octanol/water;	No data available.
(p) Auto-ignition temperature;	430 °C
(q) Decomposition temperature;	No data available.
(r) Viscosity;	No data available.
(s) Explosive properties;	Product is not explosive.
(t) Oxidising properties.	No data available.

9.2 Other information — Relative vapour density at 20 °C: 0.98.

Section 10. Stability and Reactivity.

10.1. Reactivity	Extremely flammable liquid and vapour.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	None known under normal conditions.
10.4. Conditions to avoid	Prevent contact with heat sources and sources of ignition.
10.5. Incompatible materials	No data available.
10.6. Hazardous decomposition products	No data available.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

No data available.

Section 12. Ecological Information.

12.1. Toxicity — Toxic to aquatic life with long lasting effects.

Methyl methacrylate	
LC50 - Fish [1]	> 79 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	69 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 110 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	68 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	37 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	9.4 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '35 d'

2,6-di-tert-butyl-p-cresol	
LC50 - Fish [1]	> 0.57 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	0.48 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 0.4 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.023 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

EC50 Median effective concentration
LC50 Median lethal concentration
LOEC Lowest Observed Effect Concentration
NOEC No-Observed Effect Concentration

12.2. Persistence and degradability	Not rapidly degradable.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	No data available.
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.

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 Statements used in Section 3;

H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory 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	10/01/2025	First issue.

End of Safety Data Sheet.

Section 1. Product and Company Identification.

1.1 Model Number; SCS501 v1

1.2 Description; Rapid Set MMA Adhesive 50ml Activator.
Unique Formula Identifier (UFI): TC30-M0MD-900U-6PUY

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; 29/11/2024

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

H224 Extremely flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements.

Hazard pictogram(s)

Signal Word. Danger

Hazard statements;

H224 Extremely flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements;

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P235 Keep cool.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective clothing, eye protection, face protection, protective gloves.

2.3 Other hazards.

Does not contain PBT and/or other vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Section 3. Substances.

3.1 Chemical Name (substance)	**3.1 CAS No.**	**3.2 Concentration Weight**	**Classification**	
			Hazard Class & Category Code	**Hazard Statements [1]**
Methyl methacrylate	80-62-6	60 – 80 %	Flam. Liq. 2 STOT SE 3 Skin Irrit. 2 Skin Sens. 1	H225 H335 H315 H317
3,5-diethyl-1,2-dihydro-1-phenyl-2-propylpyrdine	34562-31-7	≥ 3 %	Acute Tox. 4 Acute Tox. 4 Skin Irrit. 2, Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 1,	H302 H312 H315 H319 H400 H410
2,6-di-tert-butyl-p-cresol	128-37-0	0.25 – 0.5 %	Aquatic Acute 1, Aquatic Chronic 1,	H400 H410

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

Section 4. First Aid Measures.

4.1 Description of first aid measures

First Aid measures, general. Call a poison centre or a doctor if unwell. Quote UFI in Section 1.2.

Inhalation
Remove to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact
Rinse skin with water/shower.
Take off immediately all contaminated clothing.
If skin irritation occurs: Get medical advice/attention.

Eye Contact
Rinse eyes with water as a precaution.

Ingestion
Call a poison centre or a doctor if unwell.

4.2. Most important symptoms and effects, both acute and delayed
May cause drowsiness or dizziness.

Inhalation	May cause respiratory irritation.
Skin Contact	Irritation. May cause an allergic reaction.
Eye Contact	None under normal conditions.
Ingestion	May cause nausea and vomiting.

4.3. Indication of any immediate medical attention and special treatment needed
No data available.

Section 5. Fire Fighting Measures.

5.1. Extinguishing media
Carbon dioxide. Dry powder. Foam. Water spray.
Unsuitable extinguishing media: Water.

5.2. Special hazards arising from the substance or mixture
Highly flammable liquid and vapour.
Toxic fumes released.

5.3. Advice for fire-fighters
Wear appropriate protective equipment.

Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures
Ensure good ventilation.
Keep away from all sources of ignition.
No smoking.
Avoid breathing vapours.

6.2. Environmental precautions
Prevent from entering sewars / water courses.
Prevent release to the environment.

6.3. Methods and material for containment and cleaning up
Take up spills with absorbent material.

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
Keep away from all sources of ignition.
Keep away from heat sources.
Keep away from direct sunlight.
No smoking.
Avoid breathing vapours.
Take precautionary measures against static discharge.
Use only non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities
Ensure good ventilation.
Ground/bond container.

7.3. Specific end use(s)
Intended for use as the activator for the Model Number identified in 1.1 with Description stated in 1.2.

Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters

Workplace exposure limits.

Substance	CAS number	Workplace exposure limit. Long term.		Short term.	
		ppm	mg.m^3	ppm	mg.m^3
Methyl methacrylate	80-62-6	50	208	100	416
2,6-di-tert-butyl-p-cresol	128-37-0	-	10	-	-

8.2. Exposure controls

Appropriate Engineering Controls
Ensure good ventilation.

Eye/Face Protection
EN 166 safety glasses with side shields.
EN ISO 374 Nitrile rubber gloves.

Skin Protection
EN 14605 Protective Clothing.

Respiratory Protection
EN 14387 Full Face Mask.

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:	Liquid. Off white. Paste.
(b) Odour:	No data available.
(c) Odour threshold;	No data available.
(d) pH:	No data available.
(e) Melting point/freezing point;	No data available.
(f) Initial boiling point and boiling range;	No data available.
(g) Flash point;	11.5 °C
(h) Evaporation rate;	No data available.
(i) Flammability (solid, gas);	Highly flammable liquid and vapour.
(j^1) Lower flammability or explosive limits;	2.1 vol %
(j^2) Upper flammability or explosive limits;	12.5 vol %
(k) Vapour pressure;	No data available.
(l) Vapour density;	0.906 at 20 °C
(m) Relative density;	No data available.
(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;	400000 mPa-s dynamic
(s) Explosive properties;	No data available.
(t) Oxidising properties.	No data available.

9.2 Other information -

Section 10. Stability and Reactivity.

10.1. Reactivity	Extremely flammable liquid and vapour.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	No data available.
10.4. Conditions to avoid	Prevent contact with heat sources and sources of ignition.
10.5. Incompatible materials	No data available.
10.6. Hazardous decomposition products	No data available.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

No data available.

Section 12. Ecological Information.

12.1. Toxicity — Toxic to aquatic life with long lasting effects.

Methyl methacrylate	
LC50 - Fish [1]	> 79 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	69 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 110 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	68 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	37 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	9.4 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '35 d'

2,6-di-tert-butyl-p-cresol	
LC50 - Fish [1]	> 0.57 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	0.48 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 0.4 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.023 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

EC50 Median effective concentration
LC50 Median lethal concentration
LOEC Lowest Observed Effect Concentration
NOEC No-Observed Effect Concentration

12.2. Persistence and degradability — Not rapidly degradable.
12.3. Bioaccumulative potential — No data available.
12.4. Mobility in soil — No data available.
12.5. Results of PBT and vPvB assessment — No data available.
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.

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. Transport hazard class(es)	Class or Division
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;

H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
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	10/01/2025	First issue.

End of Safety Data Sheet.