Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name 87238 Tamiya Cement - Low Odour
Contains Bis(2-ethoxyethyl) ether; polystyrene resin.

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

Liquid adhesive for hobby/crafts

1.3. Details of the supplier of the safety data sheet

Name: The Hobby Company Ltd (***HobbyCo Ltd***)

Address: Garforth Place
Knowlhill
Milton Keynes
MK5 8PG

Telephone: +44 (0)1908 605 686

Email: service@hobbyco.net

1.4. Emergency telephone

Great Britain: 111 for non-emergencies; 999 for life-threatening emergencies

Northern Ireland: Telephone your GP for non-emergencies (during working hours). Outside working hours, use the number for your area in the table below:

Area/town	Telephone
North and West Belfast	028 9074 4447
South and East Belfast	028 9079 6220
Ards and North Down	028 9182 2344
Lisburn and Downpatrick	028 9260 2204
Antrim; Ballymena; Ballymoney; Cookstown; Carrickfergus Coleraine; Larne; Magherafelt; Moyle; Newtownabbey council areas	028 2566 3500
Armagh and Dungannon; Craigavon and Banbridge; Newry and Mourne	028 3839 9201
Enniskillen; Omagh; Strabane; Derry/Londonderry; Limavady	028 7186 5195

Call 999 for life-threatening emergencies.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin Irritation Category 2, H315
Eye Irritation Category, H319

2.2. Label elements

Pictograms:

Signal Word: Warning

Hazard Statements:

Causes skin irritation.
Causes serious eye irritation.

Precautionary Statements:
Keep out of reach of children. IF ON SKIN: Wash with plenty of water/ soap. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. . If eye irritation occurs: Get medical advice/attention.

Label information where small pack derogation applies (<125ml):

Pictograms:

Signal Word: Warning

2.3. Other hazards

Does not contain substances known to be endocrine disrupting to humans or the environment

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance name	Identification numbers (CAS, EC, Index)	% w/w or % v/v	REACH reg. no	CLP Classification	M-factors, SCLs, ATEs	Notes
Bis(2-ethoxyethyl) ether	112-36-7	88%	Not registered (< 1 tpa import)	H315	-	-
3-Methoxy-3-methylbutyl acetate	103429-90-9	2%	Not registered (< 1 tpa import)	not classified	-	-
Polystyrene Resin	9003-53-6	10%	Not registered (< 1 tpa import)	H226. H315, H319, H332	-	-

SECTION 4: First aid measures

4.1. Description of first aid measures

If in contact with skin, wash immediately with soap and water. Wash contaminated clothing before reuse. If symptoms persist, seek medical attention.

In contact with eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms persist, seek medical attention.

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

Contact with skin will cause redness, rash, itching and discomfort. Contact with eyes will cause redness, tear formation and discomfort.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use dry chemical, carbon dioxide or foam to extinguish.

5.2. Special hazards arising from the substance or mixture

This product is not classified as flammable but is considered a combustible liquid.

In an incident where large volumes of product are released, solvent vapours may form explosive mixture with air. Vapours are heavier than air and may spread near ground causing risk of flash back to ignition sources. Risk of explosion in closed containers if pressure rises rapidly. Containers should be kept cool with water spray in the event of fire.

In combustion, toxic gases and vapours will form including carbon monoxide and carbon dioxide.

Users should note that application accessories, tools, cloths etc. should also be considered combustible once used.

5.3. Advice for firefighters

In the event of fire, wear appropriate protective equipment and self-contained breathing apparatus (SCBA). Firefighter clothing must conform to a minimum standard of EN469 including helmets, protective boots and gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not touch or walk through spilled material. Keep unnecessary persons away from the spillage. Avoid inhalation of vapour. Use appropriate personal protective equipment to prevent direct contact with the material.

Emergency personnel should take into account the volume of the spillage and the likelihood of direct contact when selecting appropriate personal protective equipment. Do not breathe vapours.

6.2. Environmental precautions

Keep spills away from drains, surface water, groundwater, wells and boreholes or other infrastructure which may allow spills into groundwater. Collect spillage.

6.3. Methods and material for containment and cleaning up

Stop leak if safe to do so. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Adequately ventilate the space.

Absorb spillage with inert dry material such as sand, earth or vermiculite and place in an appropriate non-flammable waste disposal container. Dispose of via a licensed disposal contractor. Do not place into domestic waste. Do not flush into drains or watercourses.

6.4. Reference to other sections

See section 8 for information on personal protective equipment.
See section 13 for additional waste disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Wear gloves and eye protection when using this product. Wash hands and exposed skin thoroughly after handling. Take off contaminated clothing and wash it before reuse. Do not eat drink or smoke whilst handling product.

7.2. Conditions for safe storage, including any incompatibilities

Store in the original closed container in dry, well ventilated areas. Store upright to prevent spills or leakage. Store away from oxidizing materials. Store out of direct sunlight.

7.3. Specific end use(s)

Hobby/craft cement in liquid form.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace or Occupational Exposure Limits – none.

8.2. Exposure controls

Wear gloves. Recommended glove material – Nitrile rubber, thickness 3mm. Instructions and information provided by the manufacturer on storage, maintenance and replacement must be followed to ensure protection and effectiveness.

This glove type may not be appropriate for all conditions and environments. It is recommended to obtain independent professional advice and complete a risk assessment specific to your application and working environment. The user must check that the final glove choice is suitable.

Contaminated clothing should be removed immediately and the skin washed to prevent contamination from the clothing. Wash the clothing before reuse.

Use adequate eye protection such as safety glasses with side shields.

Always handle in accordance with good safety practice and hygiene. Do not eat, drink or smoke whilst handling product. Wash hands thoroughly after use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Colour: colourless

Odour and odour threshold: aromatic odour

Melting point/ freezing point: Not determined

Boiling point, or initial boiling point and boiling range: 188°C

Flammability (if solid or gas): Not determined

Lower and upper flammability or explosive limits: LEL 0.4 % to UEL 5.1%

Flash point: 71°C

Auto-ignition temperature: 174 °C

Decomposition temperature: Not determined

pH: Not applicable, organic mixture

Kinematic viscosity: Bis(2-ethoxyethyl) ether 1.54 mm2/s, (calculated from dynamic viscosity at 20 °C, 1.4 mPa.s, and density 0.908 g/cm³ @ 20 °C)

Solubility: Bis(2-ethoxyethyl) ether, 1 000 g/L @ 25 °C; 3-Methoxy-3-methylbutyl acetate, 58.3 g/L @ 20 °C, polystyrene resin insoluble in water.

Partition coefficient: n-octanol/water: Bis(2-ethoxyethyl) ether, 0.39 @ 25 °C; 3-Methoxy-3-methylbutyl acetate 1.6 @ 25 °C, polystyrene resin, no data available.

Vapour pressure: 79 Pa at 20 °C

Density and/or relative density: relative density 0.92 at 20 °C

Relative vapour density: Not determined, but vapours likely to be heavier than air

Particle characteristics: Not applicable

9.2. Other information

No additional information

SECTION 10: Stability and reactivity

10.1. Reactivity

Not Reactive

10.2. Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reactions are known when used as intended.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidising agents.

10.6. Hazardous decomposition products

There are no known hazardous decomposition products in normal use

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Based on the available data, the classification criteria have not been met

Irritation/ Corrosion

On the basis of calculation method, the product is classified as irritating to skin

Bis(2-ethoxyethyl) ether, classification based on read-across to a similar substance (DEGDME) using in vitro EU Method B.46 (In Vitro Skin Irritation: Reconstructed Human Epidermis Model Test). Result adverse effect observed (irritating). Polystyrene resin, CAS no 9003-53-6, is classed as Skin Irrit. 2, H315.

On the basis of calculation method, the product is classified as irritating to eyes

Polystyrene resin, CAS no 9003-53-6, is classed as Eye Irrit. 2, H319.

Sensitisation

Based on the available data, the classification criteria have not been met

Mutagenicity

Based on the available data, the classification criteria have not been met

Carcinogenicity

Based on the available data, the classification criteria have not been met

Reproductive toxicity

Based on the available data, the classification criteria have not been met

Specific target organ toxicity (single exposure)

Based on the available data, the classification criteria have not been met

Specific target organ toxicity (repeated exposure)

Based on the available data, the classification criteria have not been met

Aspiration hazard

Based on the available data, the classification criteria have not been met

SECTION 12: Ecological information

12.1. Toxicity

Based on the available data, the classification criteria have not been met

12.2. Persistence and degradability

2% of this product is readily biodegradable, 88% is not readily biodegradable, 10% is untested.

Product/ ingredient name	Test	Result
Bis(2-ethoxyethyl) ether	OECD Guideline 301 F:	No biodegradation observed
3-Methoxy-3-methylbutyl acetate	OECD Guideline 301 C	Readily biodegradable (100%)
Polystyrene resin, CAS no 9003-53-6	No data	No data

12.3. Bioaccumulative potential

Product/ ingredient name	Log Pow	BCF	Potential
Bis(2-ethoxyethyl) ether	0.39 @ 25 °C	No data	No data available
3-Methoxy-3-methylbutyl acetate	1.6 @ 25 °C	No data	No data available
Polystyrene resin, CAS no 9003-53-6	No data	No data	No data available

12.4. Mobility in soil

Not determined

12.5. Results of PBT and vPvB assessment

This product does not contain substances known to be Persistent, Bioaccumulative and Toxic, or Very Persistent and Very Bioaccumulative.

12.6. Other adverse effects

No other information known on other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

For large quantities - Waste generation should be avoided or minimised where possible. Surplus, unused products should be sold or returned to the manufacturer, if possible, for beneficial use or recycling. Product disposal to sewer should be avoided, if possible, and only be carried out after treatment, and under relevant rules, e.g. Consent to Discharge.

Where wastes have to be disposed of, use a licenced waste contractor, and obey all national and local rules. Used cement containers should be disposed of at household waste recycling centres whether empty or part filled. Some centres will accept liquid cement for recycling schemes. Please check local requirements before disposal. Do not place in household waste. Containers (even when empty) should not be disposed of as household waste.

Used packaging waste should be reused or recycled, if uncontaminated. Contaminated packaging should be cleaned on site, if appropriate facilities exist, including any relevant rules or permits, or offsite by a specialist provider.

Contaminated packaging which cannot be safely cleaned must be treated in the same way as the product, and should only be disposed of as a last resort, e.g. where the contamination is so hazardous that it must be incinerated (e.g. pesticides).

For individual packages – dispose of in trade/ domestic waste.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA
14.1 UN number or ID number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not intended for bulk transport. Not a marine pollutant.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This SDS has been compiled according to REACH regulation EC 1907/2006, and CLP Regulation 1272/2008, as amended for GB.

15.2. Chemical safety assessment

A chemical safety assessment is not required for this mixture

SECTION 16: Other information

Date of compilation 14/10/2025. Version 1.0

Key:

ADR/RID – European Agreement concerning the International Carriage of Dangerous Goods by Road/Rail
IATA – International Air Transport Association
IMDG – International Maritime Dangerous Goods
PBT – Persistent, Bioaccumulative and Toxic Substance
vPvB – Very Persistent and Very Bioaccumulative
OECD – Organisation for Economic Co-Operation and Development

Literature References and Sources for Data: European Chemicals Agency, Health and Safety Executive, Information provided from supply chain.

Full text of H-Statements referred to under Sections 2 and 3 of the SDS:

Skin Irritant Category 2, H315	*Causes skin irritation.*
Eye Irritant Category 2, H318	*Causes serious eye irritation*