

ABL(STEVENS)Resin & Glass

Safety Data Sheet

1. Identification

Name of Substance or Preparation: **RTV1320 Part B (All grades)**

Unique Reference Number: -

Supplier: ABL (STEVENS) Resin & Glass
Unit 4 Millbuck Way
Springvale Industrial Estate
Sandbach Cheshire
CW11 3HT

Telephone: 01270 766685/529111

Fax: 01270 766685

2. Composition and Ingredients

Substance?	No	Substance Name:	N/A
CAS Number:	N/A	EC Index Number:	N/A
EEC Number:	N/A		

Hazardous Components	% by Wt.	CAS No.	Hazard	Risk phrases
Dibutyltin carboxylates	10 - 15	77-58-7 2781-10-4	Xn N	R20/21/22, R36/37/38, R51/53
n-propyl silicate	5 - 10	682-01-9	Xi	R36/38
Blend of organic silicates	75 - 85	-	-	-

3. Hazards Identification

Risk Phrases: R38 Irritating to skin
R41 Risk of serious damage to eyes

Other Information: -

4. First Aid Measures

Immediate medical attention required? Yes
Professional assistance from physician required? No
Inhalation: Remove to fresh air.
Skin Contact: Immediately flush with water. If skin irritation persists, get medical attention.
Eye Contact: Rinse thoroughly with plenty of water. If eye irritation persists, consult a specialist.
Ingestion: Do not induce vomiting. Seek prompt medical attention.

5. Fire Fighting Measures

Extinguishing Media

Suitable: Foam, dry chemical, CO₂, water mist. Water can be used to cool fire exposed containers

Not to be used: -

Hazardous Combustion Products: Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Metal products.

Special Exposure Hazards: Electrostatic charges may be generated during transfer of product from its container. Ensure that all equipment is earthed. Vapours may form explosive mixtures with air.

Special Fire Fighting Procedures: Cool containers with water if close to fire.

Protective Equipment Required: Positive pressure self-contained breathing apparatus may be required if large quantities are involved.

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6. Accidental Release Measures

Personal Precautions

Wear proper protective equipment.

Environmental Precautions

Do not allow to enter drains and watercourses.

Clean-Up Procedures

Absorb with sawdust, earth or proprietary absorbent and sweep up. Dispose of as industrial waste according to Local Authority Regulations. Wash affected area with detergent and rinse well with detergent solution. Spilled product produces an extremely slippery surface.

7. Handling and Storage

Handling

Observe usual good housekeeping and industrial hygiene procedures. Ensure adequate ventilation.

Storage

Keep containers tightly closed and store in a flameproof, well ventilated area. Electrostatic charges may be generated during transfer of product from its container. Ensure that all equipment is earthed.

8. Exposure Controls

Take Measures to Prevent:

Accumulation of vapours during cure.

Exposure Control Limits:

Dibutyltin dilaurate

0.2mg/m³ STEL as Sn

0.1mg/m³ TWA as Sn

Respiratory Protection:

Avoid breathing vapour. If large quantities are to be used, or in confined spaces, a self contained respirator should be worn

Hand Protection:

Impervious gloves (PVC or nitrile rubber)

Skin Protection:

Wear impervious clothing when handling significant quantities.

Eye Protection:

Wear chemical goggles or glasses.

9. Physical and Chemical Properties

Appearance: Mobile liquid
Colour: Colourless unless pigmented
pH: N/A
Flashpoint: 26°C (Closed cup)
Key: N/A - Not Applicable,

Relative Density: ~1.01
Solubility in Water: Insoluble.

Viscosity: Approx. 40 cSt @ 25°C
Other: -

N/M - Not Measured

10. Stability and Reactivity

Conditions to avoid:

No adverse reactions if used as recommended.

Materials to avoid:

Can react with strong oxidising agents.

Hazardous Decomposition Products:

In the presence of moisture this product hydrolyses to form ethanol and dibutyltin oxide.

11. Toxicological Information

Inhalation may cause dizziness, drowsiness, confusion, headaches, nausea and at high concentrations, unconsciousness. On ingestion, forms methanol and may cause serious injury at high doses > 200mg/kg.

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12. Ecological Information

This product hydrolyses in water or wet soil, releasing alcohols and silicic acid.
Organotin compounds can bioaccumulate.
May cause adverse effects on bacteria in water treatment plants.

13. Disposal Considerations

Likely residues and waste products:

No hazardous residues likely if used as recommended. Waste codes should be assigned by the user.

Safe handling of residues and waste product:

This material is not considered hazardous waste. Dispose of according to Local Authority regulations.

14. Transport Information

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S (Tetramethoxysilane)
UN No.: UN 1993
ADR/RID: Class 3, Packing group III
IMO/IMDG: Class 3, Packing group III, EmS: F-E S-E, Marine pollutant: Dibutyltin dilaurate
ICAO/IATA: Class 3, Packing group III

15. Regulatory Information

Supply Label Information:

HARMFUL

Risk Phrases:

R10	Flammable
R20	Harmful by inhalation
R36/38	Irritating to eyes and skin
R52/53	Harmful to aquatic organisms, may cause long-term effects in the aquatic environment

Safety Phrases:

S2	Keep out of the reach of children
S24	Avoid contact with skin
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S37	Wear suitable gloves
S51	Use only in well ventilated areas
S61	Avoid release to the environment. Refer to special instructions/Safety data sheets

Other: Contains: Tetramethyl orthosilicate

16. Other Information

Training advice:

Please read all datasheets carefully. If any point remains unclear or if further training is required please contact ABL

Recommended uses and restrictions:

For use as a moulding compound. No other use recommended.

Further information sources:

Please refer to the Safety Data Sheet for the accompanying component for further information.

Sources of key data used to compile this SDS:

Raw material data. Occupational Exposure Limits 1997. Guidance Note EH40/98. Approved Supply List (CHIP Regulations 1996).

This Safety Data Sheet has been prepared and supplied in accordance with the **Chemicals (Hazard Identification and Packaging) Regulations 1994, Commission Directive 91/155/EEC, 67/548/EEC and 1999/45/EC and their relevant amendments** for use by persons capable of understanding the information contained herein for the protection of the health and safety of users.

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It is therefore important that this data sheet is passed to the appropriate person so that the information may be acted upon if necessary.

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