



SAFETY DATA SHEET

RTV1086B

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: RTV1086B
PART No.: 80043089
APPLICATIONS: A one-part room temperature vulcanising (RTV), moisture curing silicone sealant.
MANUFACTURER: Ambersil Ltd (Silicones Division)
Castlefield Industrial Estate, Wylds Rd, Bridgwater, Somerset. UK. TA6 4DD
Tel: +44 (0)1278 727200
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2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME		CLASSIFICATION	CONTENT
CAS No.: Gamma-Aminopropyltriethoxysilane 919-30-2	EINECS Nr.:	C R-22, 34	1-5 %
Vinyl-tris-isopropenyloxysilane 15332-99-7		Xi R-10, 36/37/38	5-10 %

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS: Risk phrases in this section apply only to individual constituents and not the finished preparation.

3. HAZARDS IDENTIFICATION:

Not regarded as a health or environmental hazard under current legislation.

On curing this material releases a small quantity of acetone as vapour.

4. FIRST AID MEASURES:

INHALATION: Remove from exposure, rest and keep warm. Seek medical attention if irritation persists.
INGESTION: DO NOT induce vomiting. Seek medical attention immediately and show this safety data sheet.
SKIN: Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
EYES: Important! Immediately rinse with water for at least 15 minutes. Seek medical attention

immediately.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:	Powder, foam or CO2. Water spray, fog or mist.
SPECIAL FIRE FIGHTING PROCEDURES:	Wear suitable respiratory equipment.
HAZARDOUS COMBUSTION PRODUCTS:	Fire creates: Vapors/gases/fumes of: Acetone and silica dust from hydrolysis and combustion.

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTION IN SPILL:	Wear suitable protective clothing and gloves.
PRECAUTIONS TO PROTECT ENVIRONMENT:	Not classified as harmful to the environment under current legislation.
SPILL CLEANUP METHODS:	Smaller spill: Allow material to cure, scrape up and place in suitable containers for disposal according to local regulations. Larger spill: Absorb in vermiculite, dry sand or earth and place into containers. See section 13 Disposal Considerations.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:	Do not use in confined spaces without adequate ventilation and/or respirator.
STORAGE PRECAUTIONS:	Store at moderate temperatures in dry, well ventilated area. Keep in original container.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
ACETONE	67-64-1	OES	500 ppm	1500 ppm

INGREDIENT COMMENTS: Acetone is given off as a vapour during the curing process.

PROTECTIVE EQUIPMENT:



VENTILATION:	Well ventilated area.
RESPIRATORS:	Respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).
PROTECTIVE GLOVES:	Chemical resistant gloves required for prolonged or repeated contact.
EYE PROTECTION:	Wear approved safety spectacles.
HYGIENIC WORK PRACTICES:	Good personal hygiene practices are always advisable, especially when working with chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Thixotropic paste		
COLOUR:	Black.		
ODOUR/TASTE:	Acetone, ketone.		
DENSITY/SPECIFIC GRAVITY (g/ml):	1.09	Temperature (°C):	
FLASH POINT (°C):	> 150	Method:	PM Closed cup.

10. STABILITY AND REACTIVITY:

STABILITY:	No particular stability concerns.
POLYMERIZATION DESCRIPTION:	Store in original container to avoid contamination. Cures on contact with moisture liberating Acetone.
HAZARDOUS DECOMP. PRODUCTS:	Vapours/gases/fumes of: Acetone.

11. TOXICOLOGICAL INFORMATION:

HEALTH HAZARDS, GENERAL:	An acute toxicity study of this product has not been conducted. Information given in this section relates only to individual constituents contained in this product.
INHALATION:	Vapour may irritate respiratory system.
SKIN:	Liquid may irritate skin.
EYES:	Irritation, burning, lacrimation, blurred vision after liquid splash.
HEALTH WARNINGS:	This product has low toxicity. Only large volumes may have adverse impact on human health.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	An ecotoxicity study of this product has not been conducted. However this product contains no substances considered dangerous to the environment.
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13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	If possible allow product to cure before disposal. Disposal is normally achieved by landfill on an approved site or by incineration under controlled conditions.
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14. TRANSPORT INFORMATION:

GENERAL: This product is not classified for the purposes of transport.

15. REGULATORY INFORMATION:

NC Not classified

RISK PHRASES: Not classified.

SAFETY PHRASES: P-13 Safety data sheet available for professional user on request.
S-24/25 Avoid contact with skin and eyes.
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-51 Use only in well ventilated areas.

APPROVED CODE OF PRACTICE: The Chemicals (Hazards Information and Packaging for Supply) Regulations

16. OTHER INFORMATION:

USER NOTES: The purpose of the above information is to describe this product only in terms of Health and Safety requirements. The information given therefore, should not be construed as guaranteeing specific properties or specification. Customers should satisfy themselves as to the suitability and completeness of this information for their own particular use, bearing in mind any other Health & Safety legislation or regulations. The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is construed as a warranty or representation. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

INFORMATION SOURCES: HSE EH40 Occupational Exposure Limits. Suppliers health & safety data sheets. Control of Substances Hazardous to Health Regulations (COSHH). COSHH essentials. HSE Books .

REVISION DATE: 21-02-2003

SAFETY DATA SHEET STATUS: Approved.

R-PHRASES (Full Text): R-10 Flammable. R-36/37/38 Irritating to eyes, respiratory system and skin. R-22 Harmful if swallowed. R-34 Causes burns.