

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: BARE-CO FLANGE GASKET SEALANT  
 Part Number(s): R51 (50ml) & R51L (300ml)  
 Use: Anaerobic sealant.  
 Supplier: R H Bare Pty Ltd ABN 95 000 588 214  
 22 Williamson Road Tel 02 9829 7077  
 Ingleburn NSW 2565 Email: [enquiries@bareco.com.au](mailto:enquiries@bareco.com.au)  
 Emergency: Contact a Poisons Information Centre (Australia Phone 13 11 26  
 New Zealand Ph: 0800 764 766 USA www.bare-co.com/msds) or a doctor.

## SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture  
 Hazardous according to the criteria of Safe Work Australia.

### GHS Classification:

<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Target organ</u>
Skin irritation	Category 2	
Serious eye damage/eye irritator	Category 1	
Target Organ Systemic Toxicant Single exposure	Category 3	respiratory tract irritation
Chronic hazards to the aquatic environment	Category 3	

### Hazard pictogram:



**Signal word:** Warning

**Hazard statement(s):** H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H335 May cause respiratory irritation.  
 H412 Harmful to aquatic life with long lasting effects.

### Precautionary Statement(s):

**Prevention:** P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264 Wash hands thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

### Response:

P302+P352 IF ON SKIN: Wash with plenty of water.  
 P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.  
 P305+P351+P338+P315 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P362 Take off contaminated clothing.

### Storage:

P403+P233 Store in a well ventilated place. Keep container tightly closed.  
 P405 Store locked up.

### Disposal:

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

Classification of material Xi- Irritant

### Risk phrases:

R36/37/38 Irritating to eyes, respiratory system and skin.  
 R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

# MATERIAL SAFETY DATA SHEET

## Safety phrases

S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 After contact with skin, wash immediately with plenty of water.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

## Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

## Signal word:

HAZARDOUS

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### INGREDIENTS:

CHEMICAL ENTITY	CAS NO.	PROPORTION
Acrylic Acid	[79-10-7]	5%-10% w/w
Cumene Hydroperoxide	[80-15-9]	< 5% w/w
2-Hydroxyethyl Methacrylate	[868-77-9]	< 3% w/w
Cumene	[98-82-8]	< 1% w/w
Other ingredients determined not to be hazardous > 70%		

## SECTION 4. FIRST AID MEASURES

**Ingestion:** If swallowed, **do not** induce vomiting. Drink up to two glasses of water. For advice, contact a Poisons Information Centre (Australia Phone 13 11 26 New Zealand Ph: 0800 764 766 USA [www.bare-co.com/msds](http://www.bare-co.com/msds)) or a doctor.

**Skin:** Remove contaminated clothing and wash affected areas with plenty of water. If irritation, redness or blistering occurs, seek medical attention.

**Eyes:** Hold eyes open and flush with water for at least 15 minutes. If irritation develops, seek medical attention.

**Inhalation:** If inhaled, remove from contaminated area. For all but the most minor symptoms, arrange for patient to be seen by a doctor.

**Advice to doctor:** Treat symptomatically.

**First Aid facilities:** Eye wash and normal washroom facilities. A safety shower is recommended.

## SECTION 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Use foam, dry chemical or carbon dioxide.

**Hazards from combustion products:** In a fire, it will char. Under fire conditions, it will release carbon monoxide, oxides of sulphur and noxious fumes.

**Precautions for fire fighters and special protective equipment:** If there is a risk of exposure to products of combustion, fire-fighters should wear self-contained breathing apparatus.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Wear protective gloves, chemical goggles and safety boots. Wipe up residue with a cloth. For large spills contain and collect with inert absorbent materials (e.g. sand, earth, vermiculite). Transfer to sealable containers suitable for storing spilled material. Flush areas in contact with spilled material with adequate warm soapy water to render the area safe for human contact. Note: Residues are slightly water soluble. Do not contaminate watercourse. Dispose of solid residues in chemical waste disposal area in accordance with relevant State and Federal requirements.

## SECTION 7. HANDLING AND STORAGE

**Safe Handling:** Observe recommendations made under SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION. Use in a well ventilated area. Avoid breathing vapour.

**Storage:** Store indoors in a cool, dry and well ventilated area. Keep containers sealed when not in use. Store in original containers away from heat, sparks and open flames. Store at or below 38°C.

## MATERIAL SAFETY DATA SHEET

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National exposure standards:**

Chemical name	Synonym	CAS No.	TWA (ppm)	TWA (mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Advisory carcinogen category	Other advisory information
Acrylic acid		79-10-7	2	5.9	-	-	-	Sk
Cumene	Isopropyl benzene	98-82-8	25	125	75	375	-	Sk

**Engineering controls:** None required under normal conditions of use, but if vapour or mist is being generated, use a local mechanical exhaust

**Personal protective equipment:** Use good industrial hygiene. Avoid contact with skin and eyes. Wear overalls, neoprene or butyl rubber gloves and safety glasses with side shields. Use a well ventilated area. If inhalation risk exists, wear a respirator complying with the requirements of AS 1715 and AS 1716.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical data:**

Appearance: Fluorescent purple liquid  
 Specific gravity: 1.1  
 Solubility: Slightly soluble in water  
 Flash point (PMCC): > 90°C  
 VOC content: 1.38g/l

### SECTION 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions of temperature and pressure.

**Conditions to avoid:** Open flames, sparks, strong heat.

**Incompatible materials:** Keep away from strong oxidising agents, acids and alkalines. This product is destabilised by strong reducing agents.

**Hazardous decomposition products:** In a fire, it can release carbon monoxide, oxides of sulphur and noxious fumes.

**Hazardous reactions:** Hazardous polymerisation will not occur.

### SECTION 11. TOXICOLOGICAL INFORMATION

**HEALTH EFFECTS:**

**Acute:**

Ingestion: If swallowed, may cause gastrointestinal irritation.  
 Skin: Irritating to skin. May cause sensitisation by skin contact.  
 Eyes: Contact with the eyes can cause severe irritation.  
 Inhalation: Inhalation of vapours may cause respiratory irritation.  
**Chronic:** Repeated or prolonged skin contact may cause chronic dermatitis.  
**Toxicity information:** None available for this product.

### SECTION 12. ECOLOGICAL INFORMATION

Do not allow product to contaminate waterways or soil. This product may be harmful to aquatic organisms.

### SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of this material should be undertaken by a registered chemical disposal company. Empty containers should be disposed of according to local regulations.

### SECTION 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).



## MATERIAL SAFETY DATA SHEET

### SECTION 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE: None allocated

### SECTION 16. OTHER INFORMATION

**Abbreviations/acronyms:**

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons

**DISCLAIMER:**

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by R H Bare Pty Ltd.