



Provides maintenance free PRODUCTION - LONGER

SR ACCESSORIES

TECHNICAL REFERENCE INFORMATION

UNIVERSAL PRIMER is a high strength adhesive for use with SR polyurethane products as an aid to adhesion. **UNIVERSAL PRIMER** is a solution of polymers developed through extensive evaluation and has shown to be very effective in promoting a strong bond between SR products and most substrates.

TYPICALLY USED ON:

- | | |
|----------------|------------|
| Metal surfaces | Fibreglass |
| Concrete | Rubber |
| Wood | Plastic |
| Polyurethane | |

PRODUCT INFORMATION

Colour	Pink	
Consistency @ 24°C	Liquid	
Specific gravity	0.9	
Coverage, m ² /240g @ 50 micron	4.0	
Cure time, Minutes	60	
ADHESION		
1 = Excellent peel adhesion	2 = Good peel adhesion	
3 = Good overall adhesion	4 = Poor adhesion	
Bronze	1 Concrete	2
Copper	1 Epoxy	1
Fibreglass	1 HDPE	2
Natural rubber	2 Polypropylene	3
Polyurethane	2 PTFE	4
Steel	1 Rubber	3
Timber	2 UHDPE	3

APPLICATION

It is essential that all surfaces to be treated are properly prepared to obtain a strong bond between the substrate and the product. For plastic, rubber & metal, apply 1 even coat to all prepared bonding surfaces and allow to dry. If the first coat has not provided adequate coverage or is uneven, leave it to dry for 30 minutes before applying a second coat. For porous materials such as timber and concrete, 2 coats should be applied. Universal Primer should be allowed to dry for 60 minutes before immediate application of the appropriate Synthetic Rubber product. Optimum primer thickness is 50 micron.

SHELF LIFE

Store away from heat and direct sunlight. A minimum of 1 year should be expected if held in original unopened containers.

SR FLEXIBILIZER is a polyurethane plasticiser designed to be used specifically with SR PUTTY and SR LIQUID to reduce their hardness to produce a softer material. **SR FLEXIBILIZER** becomes an integral part of the product by flexibilizing the polymer backbone and decreasing the durometer hardness providing greater elasticity and flexibility.

TYPICALLY USED TO:

- Increase shock resistance
- Decrease rebound properties
- Improve vibrational dampening
- Increase flexibility

PRODUCT INFORMATION

Firmly reseal container after use				
Colour	Neutral			
Consistency @ 24°C	Liquid			
Specific gravity	1.1			
Shelf life, Months	24			
Shore Hardness Reduction				
Durometer decrease	5	10	15	20
Flexibilizer addition	10%	20%	30%	40%
Caution: Excessive addition of SR Flexibilizer may reduce strength.				

APPLICATION

Add the determined amount of SR Flexibilizer to Part A of SR Putty or SR Liquid, this being dependant upon the type of installation required. Proceed to add the appropriate quantity of Part B being careful to make the addition in ratio with Part A. Mix in accordance with the SR products specific directions and use as required. 2% addition of SR Flexibilizer will reduce the durometer hardness by a factor of 1. Always trial additions before proceeding to carry out final installations.

SHELF LIFE

Store away from heat and direct sunlight. A minimum of 2 years should be expected if held in original unopened containers.

UNIVERSAL PRIMER

Material Safety Data

U.N. Number 1133
Dangerous Goods Class and Subsidiary Risk: 3
Hazchem Code: 3(Y)
Poisons Schedule: 5

Physical Description / Properties

Colour: Pink
Odour: Solvent
Percent Volatiles: 76 %
Specific Gravity: 0.9
Solubility in Water: Non Soluble
Flash Point (°C): 10
Flammability Limits: Not Available

Ingredient Chemical entity Proportion
Polymer Resin Mixture Medium
Hydrocarbon Solvents High
Proprietary Formula

(High>60%) (Medium 10% - 60%) (Low<10%)

HEALTH HAZARD INFORMATION

Health Effects

Health Effects

Swallowed: Moderate irritation. Can result in nausea, vomiting, stomach pain or discomfort.
Eye: Moderate irritation, no corneal damage likely.
Skin: Possible irritant. Prolonged or repeated uncontrolled exposure may lead to dermatitic effects.
Inhaled: Overexposure may cause irritation of respiratory tract and central nervous depression.

First Aid

Swallowed: DO NOT induce vomiting. Give a glass of water and contact a doctor or the Poisons Information Centre.
Eye: Hold eye lids open and flood with water for 15 min. See a doctor.
Skin: Remove contaminated clothing, wash affected area with soap and water. If swelling or blisters occur, seek medical attention.
Inhaled: Remove to fresh air. Give water or milk. Administer oxygen if breathing difficulty.

PRECAUTIONS FOR USE

Exposure limits: Not determined for this product.
Ventilation: Use in well ventilated areas. Exhaust ventilation should be used in enclosed areas
Personal protection: Avoid contact with skin and eyes. Wear coveralls, eye protection, rubber gloves and while handling, organic vapour respirators.
Flammability: Flammable.

SAFE HANDLING INFORMATION

Storage: Keep away from heat, sparks and flame. When storing, do not allow to freeze and store below 35°C.
Spills and Disposals: Pick up and consult local authorities for disposal.
Fire/Explosion Hazard: This product is flammable. Self contained breathing apparatus should be available for firemen and water sprays, foam, dry chemical or CO₂ should be used.

WARRANTY

Since the storage, handling and use of this product is beyond our control, this product is supplied without guarantee. Furthermore, nothing should be construed as a recommendation to use this product in conflict with existing patents.

This MSD summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSD and consider the information in the context of how the product will be handled and used in the workplace including use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact the manufacturer.

SR FLEXIBILIZER

Material Safety Data

U.N. Number None Allocated
Dangerous Goods Class and Subsidiary Risk: None Allocated
Hazchem Code: None Allocated
Poisons Schedule: None Allocated

Physical Description / Properties

Colour: Neutral
Odour: Slight
Percent Volatiles: 100 %
Specific Gravity: 1.1
Solubility in Water: Non Soluble
Flash Point (°C): > 200
Flammability Limits: Not Available

Ingredient Chemical entity Proportion
Butyl Benzyl Phthlate High

(High>60%) (Medium 10% - 60%) (Low<10%)

HEALTH HAZARD INFORMATION

Health Effects

Swallowed: Possible nausea, gastrointestinal irritation.
Eye: Irritation, no corneal damage likely.
Skin: Possible irritation on prolonged contact.
Inhaled: No adverse effects known.

First Aid

Swallowed: Give a glass of water or milk.
Eye: Hold eye lids open and flood with water for 15 minutes. See a doctor if irritation persists.
Skin: Rinse thoroughly with water. Remove and launder contaminated clothing.
Inhaled: Not applicable.

PRECAUTIONS FOR USE

Exposure limits: Not determined for this product.
Ventilation: No special requirements.
Personal protection: No special requirements.
Flammability: No special requirements.

SAFE HANDLING INFORMATION

Storage: No special transporting requirements. When storing, do not allow to freeze and store below 35°C. i.e. Store between 5°C and 35°C.
Spills and Disposals: Pick up and consult local authorities for disposal.
Fire/Explosion Hazard: This product is non flammable.

PROLONG PRODUCTS ARE MANUFACTURED BY
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