

## TECHNICAL DATA

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THIS CHEMICAL IS  
FORMULATED FOR

**WARNING** INDUSTRIAL USE ONLY

Contact with skin or clothing or other improper handling or use of this product may result in bodily harm or other damage. Before using or mixing the contents with other substances, all labels applied to container, the applicable Technical Data Sheet and Material Safety Data Sheet should be read and specific instructions and precautions followed to assure correct use and personal safety.

# GUARDCOTE

## INTRODUCTION

GUARDCOTE has been developed to quickly and effectively repair leaks in processing tank liners. Acid and alkali resistant, GUARDCOTE is ideally suited for liquids or fumes. GUARDCOTE repairs joints, cracks, seams, and holes by bonding to the original liner material, and dries within a matter of hours.

GUARDCOTE easily seals leaky pipe flanges on processing tanks, regardless of irregular contours or narrow openings and mating surfaces. Pipes including flanges can be quickly coated inside to eliminate tedious, rigid PVC fabrication.

## APPLICATION

GUARDCOTE can be applied with minimal training and supervision. GUARDCOTE bonds to itself with no loss of adhesion and can be applied in any thickness. Application can be made using a brush, roller or squeeze bottle; no special equipment is needed. Applied unthinned, GUARDCOTE flows into otherwise inaccessible areas and complicated fabrication designs. GUARDCOTE cleans up with MEK (Methyl ethyl Ketone).

Emergency tank repairs can be done with a minimum amount of production downtime. Accelerated cure time makes overnight repairs possible. No special treatment of the substrate material is necessary to achieve an impermeable bond. Compared to contracting expensive tank liner repair, GUARDCOTE is much faster at a fraction of the cost.

## OPERATING CONDITIONS

Adhesion:	Excellent, but may be peeled or scraped off for repair to substrate.
Temperature:	Constant 80°C. - Periodic to 93°C
Cure Time:	total cure – 24 hours. Re-coat – (dip) 20-30 minutes. Brush or roller – 2 hours Note: cure time may be shortened by heat, max. 93°C for 2 hours.

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Hardness at cure: 40 Shore A scale.  
Shelf Life: Bulk type, 1 year minimum.  
Packaging: 20L and 200L  
Type: Single pack, premixed, ready to apply,  
liquid polyvinyl Chloride  
Colour: black  
Recommendation: Apply successive coats of different colour  
to ensure adequate coverage of each coat.

## **APPLICATIONS DATA**

Brush: Use fine bristled brush, apply unthinned

Roller: Use short nap and roller, apply unthinned

Squeeze Bottle: Apply unthinned to inaccessible corners  
and joints for Waterproofing and rust  
proofing.

Spray: Syphon Feed Operations – thin as much as  
one to one with MEK. Pressure at gun  
15-20 psi: large (90) aircap and fluid tip  
required.

Airless Operations: thin approx. 25% (4 parts GUARDCOTE/  
1 part MEK). Spray pressure approx.  
2200 psi.

Clean up: MEK (Methyl Ethyl Ketone)

Safety Equipment: Industrial respirator with R21 charcoal  
filters, safety glasses, protective gloves  
and clothing.