

IMCAS ESP 2

DESCRIPTION

IMCAS ESP 2 is a unique coating that is specially formulated to seal vacuum leaks. It can be used on turbine condensor gaskets, turbine rupture discs, strainers, manways, hot well covers, condensate line expansions joints, as well as many other areas that present possible vacuum leaks.

IMCAS ESP 2 will bond tightly to rubber but will release from metal with a little coaxing. Temperature in areas used should not exceed 250°F.

OUTSTANDING FEATURES

- Total bonding
- Easy to apply
- Bonds to rubber
- No halogens or PTFE
- Liquid applied
- No Elemental Sulfur

APPLICATION

Surfaces must be dry, free of dirt or loose debris, free of oils, greases or any substances that will interfere with bond. IMCAS ESP 2 is applied straight out of the can after 2 minutes of gentle low speed mixing or stirring. Apply the product using brush or roller. It is only necessary to touch the vacuum leak with IMCAS ESP 2. The vacuum will draw it in and cause it to plug the leak.

Spray equipment can be used to reach areas. Caution is advised in using spray equipment. Airless type equipment must be used. The following equipment specifications must be used: 30:1 pump ration or higher. A minimum 3/8" hose with as short of a run of hose as possible. A #37 tip is recommended.

CLEAN UP

Clean tools and equipment with xylene or toluene solvent. Do not allow any solvent to contact IMCAS ESP 2 that has been applied.

LIMITATIONS

Do not apply to wet or frozen surfaces that are saturated with moisture. Shelf life is 2 years when stored in a factory sealed container

between 45°F and 90°F. This product is flammable. Keep away from sources of heat, sparks, and flames. Use only EP rated equipment.

PRECAUTIONS

Read the container label warning and Safety Data Sheet (SDS) for important health and safety information prior to the use of this product.

Maintenance

If a surface becomes dirty, wash with a mild soapy water solution. If an area becomes nicked or cut, re coat with IMCAS ESP 2.

SPECIFICATIONS	
Coating Type	Ethylene Elastomer Thermoplastic
VOC	350 gms/liter
Pot Life	Not applicable
Shelf Life	2 years (unopened) from date of manufacture
Recommended Thicknesses	2 coats yield 18 to 26 mils Dry Film Thickness (DFT)
Coverage	Approximately 33 to 50 SF/gal
Packaging	5 US gallon pail
Color	White

IMCAS ESP 2

TECHNICAL DATA		
Moisture Vapor Transmission	0.01 perms	ASTM E-96
Tensile Strength	864 psi	ASTM D-412
Elongation	550%	ASTM D-412
Solids	63% (B.W.); 55% (B.V.)	ASTM D-1044
Flashpoint	105°F (Closed Cup)	FTMS 141A (M4293)
Shore 'A' Hardness	75	ASTM D-2240
Weatherometer (5000 hours)	Pass	ASTM G-23
Low Temperature Flexibility	180° Bend (10°F)	ASTM C-711
Density	Approx 9 lb/gallon	ASTM D-1475
Viscosity	Approx 15,000 cps	ASTM D-446

NOTICE: The information presented herein is based on tests and data that IMCAS believes to be reliable. It is intended for use by technically qualified personnel at their own discretion and risk. Since conditions of handling and use are beyond our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be construed as a license to operate or a recommendation to infringe any patent.

Effective Date: 2/2018

© 2018 IMCAS. All right reserved.