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SIC CODES: 3089 & 5169

## Roof-Guard 101™ Specifications

The Following Characteristics of  
Roof-Guard 101™ Were Determined In  
Laboratories And Extended Exposure Studies. The  
application of Roof-Guard 101 will increase the life  
of your roof by at least 5 years

### Formulation Constants

- |                                      |        |
|--------------------------------------|--------|
| • Theoretical Non-Volatile Solids    | 23-26% |
| • Theoretical Density, Lb./U.S. Gal. | 8.6    |
| • VOC grams/liter                    | < 150  |
| • Ph                                 | 8.6    |

### Resistance to Water Blushing

- Clear films of Roof-Guard-101™ displays excellent resistance towards water blushing in comparison to all leading commercial acrylic emulsions. Not only do the clear films of Roof-Guard™ show a minimal amount of blushing under both ambient 77<sup>o</sup>f (25<sup>o</sup>c) and elevated 120<sup>o</sup>f (45<sup>o</sup>c) water soak temperatures, but they also completely recover to visually clear films upon curing.

### Very Low Water Pickup

- Roof-Guard 101™ also has excellent resistance properties that show low clear film water pickup. (Low water swelling)

### Block Resistance/Low Coalescent Demand

- Roof-Guard-101™ has shown an exceptionally high degree of early block resistance. Because of its high coalescent level, Roof-Guard 101™ has the ability to achieve a higher level of block resistance while vastly lowering the VOC content to less than 150 mg/liter. EPA minimum is 230 gm/p/liter

### Exterior Weather ability

- Based on current exposure data, Roof-Guard101™ has demonstrated sealing properties in excess of 10 years.

### What Roof-Guard 101 D™ Does

- Roof-Guard™ helps protect roof surfaces from both loss of granular and future growth of mold or algae. Premature granular loss is directly associated with composition roof failure. Algae growth is also proven to be a leading cause of roof failure by adsorption of increased UV and heat. A clean roof surface has a direct bearing on utility costs and is aesthetically appealing.

### Roof-Guard 101™ Eliminates

- Loss of Granular
- Growth of Bacteria, Mold, Algae & Mildew

### Packaging

- 5 gallons / 19 liter Pail
- 55 gallon/208 liter Drum
- 275-gallon/1040 liter Poly Tote

### Shelf Life

- Shelf life is 18 months if stored in the original container with the cap tightly sealed. Protect from freezing and stored at moderate temperatures 34f to 115f (1c to 44c)

### Odor

- Roof-Guard101™ has a low odor threshold unlike other formulations. This makes it ideal for applications in public or environmentally sensitive areas. Its quick drying formulation is a favorite of professional applicators.

### Coverage Rates

- Typical application rates are between 80 and 130 square feet per gallon, depending on type and condition of roofing.

### Appearance

- When cured, a clear hard film forms that will eliminate granular loss while significantly reducing UV deterioration.

### Warranty:

- Enviroseal extends a 100% **FIVE** year warranty. Contact Enviroseal for complete details.

*It is recommended that a test area be done to more accurately calculate the actual application rate for the surface being treated. The above application rates are to be used for estimation purposes only. It may be necessary to apply two or more coats to obtain the desired effects.*

### QUESTIONS?

For additional technical help, please contact your authorized contractor or consult a factory representative.

**Manufacturers of Environmentally Safe Soil Stabilizers, Liquid Dust Control and Sealers for Today's Construction Projects**