

# ASN GUARD PU Pro<sup>+</sup>

Permanent Antimicrobial additive for PU Foam

## Overview & Benefits:

ASN GUARD PU Pro<sup>+</sup> is an advanced additive for incorporating permanent antimicrobial properties in PU Foam. Some added benefit of slight improvement in mechanical properties and application performance of the foam is also noted.

The formulation is made with ASN GUARD technology registered with US EPA and FDA.

The formulation is designed specifically to blend with Polyol before in-situ polymerization with isocyanate. This provides a uniform network of permanently embedded Antimicrobial properties for the life cycle of the foam.

## Available in two grades:

1) ASN GUARD PU Pro+ 3690 : (Standard Product for Global Supply)

The formulation is a “non leaching” quaternary silane. Complies with international requirements of countries with strict norms for non leaching Antimicrobials.

2) ASN GUARD PU Pro+ CU-3690 :

This formulation is infused with Active Copper. An element that leaches slowly and provides augment Antimicrobial action. Restricted to countries who allow use of Active Copper as Antimicrobial. Active Copper is a leaching type Antimicrobial.

## US EPA Registered Active Ingredient :

ASN GUARD 3690 : Is a registered ready to use Antimicrobial with US EPA (100312-1)

Details	Value
Form	Liquid
Colour	Light Brown to Yellow
Soluble	Water



### Suitable against:

Bacteria  
Fungus  
Yeast  
Virus

### Applications:

Mattress,  
Automobile Seats,  
Furniture, Shoe  
Soles, Yoga Mats

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**Suggested Usage:** 1% loading of total formulation

**Packing:** 20 kg or 200 kg drums. Custom size available.

**Availability :** Singapore, Canada, Malaysia, India

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test, be responsible for its own specific use, further processing, labeling, marketing, etc.

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