



**ACOUSTICAL**

Sound Solutions for Over 35 Years

**SURFACES INC.**

Soundproofing | Acoustics | Noise & Vibration Control

## **MATERIAL CERTIFICATION**

### **Sound Silencer™**

JSP certifies that all ARPRO® Expanded Polypropylene (EPP), ARPRO® Porous Expanded Polypropylene (PEPP), and all ARPAK® Expanded Polyethylene (EPE) foam beads comply with the IMDS/ELV European End-Of-Life Vehicle Directive (2000/53/EEC), and Restricted or Hazardous Substances (RoHS) Vehicle Directive (2002/95/EC), and contain no; Arsenic (As) or Arsenic Compounds, Lead (Pb) or Lead Compounds, Mercury (Hg) or Mercury Compounds, Cadmium, or Cadmium Compounds, and Chromium VI (Cr-VI) or Chromium Compounds, nor do they contain any Polychlorinated Dibenzo Dioxins (PCDD's), Polychlorinated Dibenzo Furans (PCDF's) Polychlorinated Biphenyls (PCB's), Asbestos, Halogenated Compounds, Brominated Compounds (including DBE's and HBCDD's), Chlorofluorocarbons (CFC's), Hydrochlorofluorocarbons (HCFCs), or any Perfluoroalkylated Substances (PFAS); including Perfluorooctanesulfonic Acid (PFOS) and Perfluorooctanoic Acid (PFOA), or Phthalates; including Di(2-Ethylhexyl) Phthalate (DEHP), Dibutyl Phthalate (DBP) and Butylbenzyl Phthalate (BBP), or any Organic Tin Compounds; including Dibutyl Tin (DBT), Dimethyl Tin (DMT), Tributyl Tin (TBT), Tributyl Tin Oxide (TBTO), and Triphenyl Tin (TPT).

This certification applies to all ARPRO® EPP, ARPRO® PEPP, and ARPAK® EPE expanded foam bead product grades and includes products molded with ARPRO® EPP, ARPRO® PEPP, and ARPAK® EPE material in accordance with the JSP's established manufacturing process standards and procedures. None of these substances listed above per the referenced industry requirements are intentionally added or used as an additive or raw material in the manufacture of this product.

**Steven R. Sopher**  
**Technical Director**  
**JSP Resins LLC**

**29 May 2009**

**Date**



**ACOUSTICAL**  
Sound Solutions for Over 35 Years

**SURFACES INC.**  
Soundproofing | Acoustics | Noise & Vibration Control

## **MATERIAL CERTIFICATION**

### **Sound Silencer™**

**JSP certifies that all ARPRO® Expanded Polypropylene (EPP) Bead Foam Products contain no *Chlorofluorocarbons (CFC's)*, *Hydrochlorofluorocarbons (HCFC's)*, *Hydrocarbons (HC's)*, or *Volatile Organic Compounds (VOC's)*, nor do they contain any ozone depleting substances. All ARPRO® Expanded Polypropylene (EPP) Bead Foam Products are expanded using a non-flammable inert gas blowing agent, and do not contain any residual VOC's or Flammable Compounds.**

**This certification applies to all products molded with ARPRO® Expanded Polypropylene (EPP) Bead Foam material in accordance with the JSP's established manufacturing process standards and procedures.**

**Steven R. Sopher**  
**Technical Director**  
**JSP International LLC**  
[steve.sopher@jsp.com](mailto:steve.sopher@jsp.com)

**11 JUN 2008**

**Date**



**ACOUSTICAL**  
Sound Solutions for Over 35 Years

**SURFACES INC.**

Soundproofing | Acoustics | Noise & Vibration Control

## MATERIAL CERTIFICATION

### **Sound Silencer™**

JSP certifies that all ARPRO® Expanded Polypropylene (EPP) foam beads, all ARPRO® Porous Expanded Polypropylene (PEPP) foam beads, and all ARPAK® Expanded Polyethylene (EPE) foam beads comply with the 2008 Consumer Product Safety Improvement Act as follows:

CPSIA Sec. 101(a)(2)(A) – 16 CFR Part 1303 - General Lead Ban, <600 ppm, General Conformity  
CPSIA Sec. 101(a)(2)(B) – 16 CFR Part 1303 - General Lead Ban, <300 ppm, General Conformity  
CPSIA Sec. 101(a)(2)(C) – 16 CFR Part 1303 - General Lead Ban, <100 ppm, General Conformity  
CPSIA Sec. 102(a)(1) – 16 CFR Part 1303 - Lead in Paint & Surface Coatings, <600 ppm, General Conformity  
CPSIA Sec. 101(f) – 16 CFR Part 1303 - Lead in Paint & Surface Coatings, <90 ppm, General Conformity  
CPSIA Sec. 106(a) – ASTM F963-07 – Surface Coating Materials Not Including Lead, General Conformity  
CPSIA Sec. 108(a) – Phthalate Ban (DEHP, DBP, BBP), <1000 ppm, General Conformity  
CPSIA Sec. 108(b)(1) – Interim Phthalate Ban (DINP, DIDP, DnOP), <1000 ppm, General Conformity

This certification applies to all ARPRO® EPP, ARPRO® PEPP, and ARPAK® EPE expanded foam bead product grades and includes ARPLANK® products and other products molded with ARPRO® EPP, ARPRO® PEPP, and ARPAK® EPE material in accordance with the JSP's established manufacturing process standards and procedures.

Steven R. Sopher  
Technical Director  
JSP International LLC

26 January 2009

Date