

AKVAREL 315(S)

SHOE MOLD RELEASE

Akvarel 315(S) is a water based sacrificial Release agent designed to be use in a variety of applications needing high slip characteristics and excellent release ease. It is particularly effective for the release of EVA footwear, medium and high-density elastomeric polyurethanes, and as a release for various thermoplastic materials.

TYPICAL PROPERTIES:

Appearance	Milky white liquid
pH	9.5 – 10.5
Specific gravity	0.98±0.02
NVM in %	36.0 – 38.0
Viscosity	Like water
Solubility in water	Fully Miscible
Shelf life	12 months
Agitation	Mix well before use

BENEFITS:

- ☐ Water Based,
- ☐ Environmentally safe
- ☐ Semi-Permanent
- ☐ Odor Free
- ☐ APE Free
- ☐ Non-Greasy Feel
- ☐ Delays Mold Fouling

APPLICATION INSTRUCTIONS:

For best results, mold surface must be cleaned prior to application of Akvarel 315(S). Typical cleaning methods would be media/dry ice blasting or treatment with alkaline detergent followed by neutralization and rinsing with water.

EVA Footwear:

Normal dilution is about 50:1. Material is applied to the hot mold by an air atomizing spray gun and any residual moisture allowed to dry before molding.

Elastomeric Polyurethanes:

Normal dilution can range from 5:1 to 30:1 and depends on complexity of the part. Parts with significant undercuts and deep draw areas may require higher slip and lower dilution rate. Application is made with an air atomizing spray gun.

PACKAGING, HANDLING, AND STORAGE CONDITIONS:

Available in 18.9 Liters Containers

Containers should be kept closed prior to external contamination. Store below 38°C and above 0 °C. Keep product from freezing. Store in plastic or stainless-steel containers. For safety precautions consult MSDS.

Disclaimer: Information contained in this sheet is based upon the properties and applications of use as known to us. This is given based on own experience at our laboratory. However, generally no legal liability may be deducted from such Information.