

Amtron™ OR5B

Aluminum Deox Solution

Description

Amtron OR5B is a deoxidizing solution, designed to remove the oxide layer from aluminum substrates. By removing the aluminum oxide layer before grinding/ polishing processes, aluminum removal rates are significantly increased and grinding stone life is extended. Amtron OR5B is completely biodegradable and contains no carcinogenic or toxic components.

Features and Benefits

- Eliminates the difficult to grind oxide layer
- Reduces grinding cycle times.
- Prevents rapid re-oxidation of the aluminum substrate
- Does not contain hazardous solvents, nitrites, sulfur, chlorine, phenols, DEA, silicates or silicone
- No irritating odor
- Environmentally friendly

Typical Physical Properties

Appearance	clear liquid, odorless
Specific gravity @20°C	1.15
LBS/gallon	9.57
pH (conc.)	1.2
Boiling point	110°C
Evaporation rate (Butyl Acetate=1)	<<1
% volatiles by volume	>90%
Flash point (test methods)	>250°F (est.)

Recommended Process Parameters

Immerse substrates in Amtron OR5B solution; no dilution is necessary. Rinse substrates in water before grinding.

Availability

55 gallon drums, 5 gallon pails, 1 gallon containers

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