



SPECIALTY CHEMICALS ALUMINUM DEOX SOLUTION

Amtron™ OR5B



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.

TYPICAL PHYSICAL PROPERTIES

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

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

RECOMMENDED PROCESS PARAMETERS

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

AVAILABLE PACKAGING

55 gallon drums, 5 gallon pails, 1 gallon containers

Saint-Gobain Surface Conditioning

4905 East Hunter Avenue, Anaheim, CA 92807

Tel: 714-701-3900 Fax: 714-701-3912

surfaceconditioning.saint-gobain.com

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SURFACE CONDITIONING

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