



December 8, 2005

To: Distribution

Ref: ITW-American Safety Technologies S-31 Solvent

**Scope:** S-31 Solvent evaporation to dry times

**Observations:**

Under controlled lab conditions, no wind or breeze, constant humidity etc. S-31 proprietary solvent was applied to MS-7CZ Primer at 3-5 mils wet. The following evaporation to dry times are approximate and will vary according to different environmental conditions.

**Note: Temperatures are surface temperatures and are not ambient air temperatures.**

S-31 Evaporation to dry times:

<u>Surface Temp</u>	<u>Minimum Dry Time</u>
40°F	30 minutes
75°F	8 minutes
120°F	5 minutes

This report is intended for informational purposes only.

**Note:** ITW American Safety Technologies emphasizes that the contents of this report does not supercede or amend any established government or commercial specification, instruction, guideline or procedure.

**Caution:** Do not allow solvents to be poured directly onto a coating or be allowed to form puddles on the coatings surface during cleaning. Rags to be used for solvent cleaning should be lint free and not saturated to the point of dripping. Squeeze excess liquid from the cleaning rags before wiping the substrate or the coating. Intent is to clean the surface or coating by removing visible and non-visible surface contaminates prior to over coating.

**QA Practices:** Following cleaning and the observation of ITW - American Safety Technologies' published solvent dry times; inspect the surface to confirm it is dry, ensure temperature and dew point limits are within requirements.

**Safety:** Workers should use rubber gloves to avoid direct skin contact with solvent. Always consult the manufacturer's MSDS for product information prior to solvent use so as to prevent chemical sensitization.

Sincerely,

Michael K. Martin

ITW-American Safety Technologies  
NACE Certified Coating Inspector #664