



INTERNATIONAL MARKETING, INC. TECHNICAL BULLETIN

SUBJECT: MEK Solvent Rub Test (addendum to TB-POWDER-MEKtest-08.13.04)

DATE: June 15, 2005

Purpose of the MEK Rub Test: To determine that the coating on a powder coated, reconditioned wheel that has come through the oven curing process is cured. (Modified from the Standard Solvent Rub Test)

Tools: MEK (Methyl Ethyl Ketone), Q-tips

Procedure:

1. After a wheel has been run completely through the oven cure process, allow the wheel to cool to ambient temperatures (room temp).
2. Dip the tip of a Q-tip into the MEK to moisten the tip portion with the MEK.
3. Apply forty (40) short stroked, light rubs to the drop center area / tire mounting area of the wheel.
4. Observe the effect of the MEK on the painted surface:
 - A. Immediate dissolving of the paint similar to water on water colors – the coating is not cured.
 - B. Immediate dissolving that reveals the steel substrate – the coating is not cured.
 - C. No effect to slight softening or tackiness but no removal of paint – the wheel coating is potentially cured.

Note: If the coating on the wheel is not cured – check the settings on the oven: verify line speed, verify entrance and exit temperatures of the wheel, and make proper adjustments to achieve a full cure. Wheels that are not cured and not marred from handling, rerun them through the oven process (if the powder chemistry has 100% overcure qualities). Log the incident in the system maintenance log for future reference, noting all adjustments and readjustments.

Special note: This procedure is used effectively with TGIC Polyester Coatings.

Questions regarding the above technical bulletin may be directed to:

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