CAVITY WAX, HEAT KICK 60 °C, 0-EMISSION, CORROSION PROTECTION, AUTOMOTIVE CAVITIES **WSS-M7C96-A1**

CAVITY WAX, HEAT KICK 60 °C, 0-EMISSION, ODOR APPROVED, CORROSION PROTECTION, AUTOMOTIVE CAVITIES **WSS-M7C96-A2**

1. SCOPE

The materials defined by these specifications are solvent free based rust preventive compounds with minimum >99% solid content and contain an UV- marker.

2. APPLICATION

These specifications were originally released for cavity waxes sprayed into box sections below the floor panel (rocker panel, side and cross members, etc.), in the engine compartment and to lower areas of pillars, doors, hood and tailgate.

They are applied to the vehicle body after the paint process, prior to final assembly.

3. REQUIREMENTS

3.1 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

Material suppliers and part producers must conform to the Company's Standard Requirements For Production Materials (WSS-M99P1111-A).

3.2 MATERIAL PROPERTIES

3.2.1	Non Volatile content, min (FLTM BI 102-01)	>99%
3.2.2	Viscosity	See initial sample
3.2.3	Density at 23 °C	See initial sample
3.2.4	Flash point	See initial sample

Date	Action	Revisions
2008 02 25	Activated	U. Mueller

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3.2.5 Drying

Wax according to this specification is air drying. Drying can be accelerated by heating the body after waxing or by pre-heating the body prior to applying the wax.

Film thickness (on test panels)	25 +/- 5 µm
"Heat kick"	3 minute at 60 °C,
Drying time (drip free, after heat kick)	immediately at RT

3.2.6 Storage Stability

The storage stability must be adapted to the climate conditions at the individual plant.

Minimum storage conditions for all waxes:	6 months at 32 °C 6 months at 5 °C
and	
Additionally for tropical climates:	3 months at 40 °C

After the storage, the material shall not show any insoluble separation or coagulation and must meet all specification requirements.

3.3 PERFORMANCE PROPERTIES

Wax according to specification WSS-M7C96-A1 must meet all requirements of WSS-M21P35-A, wax according to specification WSS-M7C96-A2 must meet all requirements of WSS-M21P35-A2.

4. GENERAL INFORMATION

The information given below is provided for clarification and assistance in meeting the requirements of these specifications.

4.1 MATERIAL REFERENCE

All related materials used for approval of cavity wax according to this specification, e.g. substrate, paint materials, solvents, etc. as well as the application parameter (viscosity, film thickness, drying conditions) shall be noted in the Initial Sample Report of the wax.

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