



## BLITZ® ALUMINIUM MAXAL EC

### New Generation of Silica Coated Silver Dollar Pigments

#### 1. General Product Description

**Blitz® Maxal EC Pigments** are inorganically coated pigments with high resistance against alkalines and acids. The special silica coating creates extraordinary chemical resistance without degradation of the metallic brilliance of the Blitz Maxal silver dollar pigment.

#### 2. Benefits of Maxal EC-Pigments

- Best outdoor durability
- High brilliance and brightness
- Distinctive sparkle-effect, intense flop
- Very pure and intense coloured- and metallic-shades
- Very good moisture and chemical resistance
- Good abrasion and shear resistance
- Distinct non-leaving characteristics => sound intercoat adhesion
- Low electric conductivity
- Resistant in UV-paints, PVC and unsaturated polyesters



#### 3. Field of Application

Especially in powder coatings, waterbased- and UV-systems

- OEM, car repair paints
- Vehicle paints (bicycles), ski paints
- Car interior paints and add-on parts
- Wheel rim paints
- HiFi paints
- Facades
- Powder coatings: suitable for Corona and Tribo application

#### 4. Product Overview

Technical data of commercially available products:

Blitz®	Powder			Paste			
	76012EC	76014EC	76044EC	66012EC/70BG	66014EC/70BG	66044EC/70BG	
<b>Metal content</b> <i>Metallanteil</i>	%			70	70	70	
<b>Solvent</b> <i>Lösungsmittel</i>				Butyl Glycol <i>Butylglycol</i>			
<b>Residue on Sieve 230mesh</b> <i>Rückstand auf Sieb 63µm</i>	max.%	0.5		0.5			
<b>Residue on Sieve 325mesh</b> <i>Rückstand auf Sieb 45µm</i>	max.%		0.5		0.5		
<b>Residue on Sieve 500mesh</b> <i>Rückstand auf Sieb 25µm</i>	max.%					1	
<b>Average Particle Size</b> <i>Durchschnittliche Teilchengröße</i>	µm	54	34	21	54	34	21
<b>Fields of application</b> <i>Anwendungsgebiete</i>							

#### 5. Product Handling

Shelf life: at least 12 months  
Storage conditions: in a dry place at 5 - 30 °C

**Powder Coatings**  
*Pulverlacke*

**Paints and Coatings**  
*Lacke und Beschichtungen*

**Plastics**  
*Kunststoffe*

**Printing Inks**  
*Druckfarben*

**Light Weight Concrete and Building Material**  
*Porenbeton & Baustoffindustrie*

**Civil Explosives**  
*Zivile Sprengstoffe*

**Chemical Industry**  
*Chemische Industrie*

**Waterbased Paints**  
*Wasserverdünnbare Lacke*

**Waterbased Printing Inks**  
*Wasserverdünnbare Druckfarben*