

# TECHNICAL DATA SHEET

## GENERAL INFORMATION

|                         |  |
|-------------------------|--|
| Color Index             | C.I. Pigment Blue 15 (C.I.74160)                 |
| Product code            | CR.B15A  |
| CAS No.                 | 147-14-8   |
| EINECS No.              | 205-685-1  |
| Molecular Formula       | C <sub>32</sub> H <sub>16</sub> CuN <sub>8</sub> |
| Chemical Class          | Cu-PHTHALOBLUE, non-stab.                        |
| Recommended Application | Printing inks, textile, etc.                     |

## PHYSICAL PROPERTIES

|                                      |             |
|--------------------------------------|-------------|
| Appearance                           | Blue powder |
| Specific gravity (water=1)           | 1.50~1.80   |
| Specific surface (m <sup>2</sup> /g) | 30~70       |
| Bulk volume (l/kg)                   | 2.0~2.4     |
| Average particle size (nm)           | 50~120      |
| Oil absorption (g/100g)              | 30~50       |

## FASTNESS DATA(1~5 Scale except Light Fastness where 1~8 Scale)

|                         |       |
|-------------------------|-------|
| Light (Full shade)      | 7~8   |
| Light (Reduced tinting) | 6~7   |
| Ethanol                 | 5     |
| Ethyl acetate           | 5     |
| MEK                     | 5     |
| Toluene                 | 5     |
| White spirit            | 5     |
| DBP                     | 5     |
| Paraffine               | 5     |
| Butter                  | 5     |
| Soap                    | 5     |
| Alkali                  | 5     |
| Acid                    | 5     |
| Heat stability (10min)  | 200°C |

## CONTACT

Shine Chemicals Co.,Ltd  
Room 805, 1 Taigu Square, NO.451 Jincheng Road, Xiaoshan District, Hangzhou, China  
TEL + 86-571-82201905  
FAX + 86-571-82201862  
E-mail [info@shine-chemicals.com](mailto:info@shine-chemicals.com)

## NOTE

The above information is provided as guidelines only. It is important that the customer evaluate any product in their own resin system to determine suitability.