

45030 Ultramarine Blue, greenish extra

Chemical Composition

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|----------------|---|
| Product name: | Ultramarine Blue, greenish extra |
| Chemical name: | Sodium aluminium sulfo silicate |
| Color index: | C.I. Pigment blue 29 : 77007 |
| CAS No.: | 57455-37-5 (TSCA) 101357-30-6 (EINECS) |
| EINECS: | 309-928-3 |

Specification

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|----------------------------|---|
| Color shade DE CIEL (max): | 1.00 lightening 1:4 with TiO ₂ in impact-resistant polystyrene |
| DE: | max. 1.00 CIEL |
| Screen oversize (45 µm): | max. 0.10 % |
| Volatile part (105°C): | max. 1.75 % |
| Free sulfur: | max. 0.03 % |
| Water soluble parts: | max. 0.80 % |

Typical data

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|--------------------------|--------|
| Coloring strength: | 95/105 |
| Density: | 2.35 |
| Oil absorption: | 40.0 |
| Mean particle size (µm): | 1.44 |

Fastness/Resistance

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|---|-------------------|
| Temperature stability: | > 350°C |
| Light fastness (Xenon lamp and daylight): | excellent (7 - 8) |
| Light fastness - dilution: | excellent (7 - 8) |
| Alkali resistance: | excellent |
| Acid resistance: | weak |



Regulations

Ultramarine blue is a non-toxic pigment. It is generally permitted for coloring objects/things having contact with foodstuffs and for the manufacture of toys.

Storage, Stability and Handling

Transportation and storage:

Not compatible substances:

Decomposition products:

Special protective measures:

Methods for cleaning up / absorption:

Do not store near acid substances.

Acids

Release of hydrogen sulphide after contact with acids.

None, however avoid dust formation.

Clean up mechanically - avoid dust development.