1. Identification of the Substance/Preparation and of the Company/Undertaking

Identification of the Product
Product Name: Aniline Black
Article No.: 24100
Use of the Substance/Preparation: Artists’ and Restoration Material

Relevant identified Uses of the Substance or Mixture and Uses advised against
Identified uses: Coloring agent for dye and varnish industry.

Company
Company: Kremer Pigmente GmbH & Co. KG
Address: Hauptstrasse 41-47, D 88317 Aichstetten
Tel/Fax: Tel +49 7565 914480, Fax +49 7565 1606
Internet: www.kremer-pigmente.de, kremer-pigmente@t-online.de
Emergency No.: +49 7565 914480, Mon-Fri 8:00 - 17:00

2. Hazard Identification

Designation according to EC Regulation No.1272/2008
GHS Classification This product does not require classification and labelling as hazardous according to CLP/GHS.

Designation according to EC Regulation No. 67/548 or No.1999/45
Hazard designation: The material is not subject to classification according to EC lists.

3. Composition/Information on Ingredients

Chemical Characterization: Pigment Black 1, C.I. 50440

4. First Aid Measures

After inhalation: Supply fresh air. Consult physician if symptoms persist.
After skin contact: Remove contaminated clothing immediately. Wash off immediately with plenty of water and soap.
After eye contact: Rinse open eyes with plenty of water for at least 15 minutes.
After ingestion: Rinse mouth with water and drink plenty of water.
Information for physician: Symptomatic treatment (decontamination, vital functions), no specific antidote known.

5. Fire-Fighting Measures

Suitable extinguishing media: Extinguishing powder, foam.
Unsuitable extinguishing media: Carbon dioxide (CO2)
Protective equipment: Wear self-contained respiratory protective device.
Special hazards: In case of fire: hazardous vapors may be released. Development of fumes/aerosol.
Further information: Avoid formation of dust: risk of dust explosion.

6. Accidental Release Measures

Personal precautions: Avoid formation of dust, wear protective clothing.
Environmental precautions: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.
Methods of cleaning/absorption: Clean up with suitable appliance and dispose adequately. Contain with dust binding material and dispose accordingly. Avoid dust formation.

7. Handling and Storage

Handling
Instructions on safe handling: Respiratory protection when handling without exhaust system.
Information on fire and explosion protection: Avoid dust formation.

Storage
Storage conditions: Store in tightly sealed containers in a dry and cool room.
Storage compatibility: Do not store together with: foodstuffs and animal feed.

8. Exposure Controls/Personal Protection

Technical protective measures: Provide adequate ventilation in case of dust formation.
Components with workplace control parameters (Germany): TRGS 900
Chrom-III-oxide (based on Cr), CAS 1308-38-9), TWA: 2 mg/m3 (inhalable dust fraction)
Peak limit category 1

Personal protective equipment
General protective measures: The usual precautionary measures are to be adhered to when handling chemicals. Protective clothing recommended due to the coloring effects of the product.
Respiratory protection: Suitable respiratory protection for lower concentration or short-term effect: particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, type P2 or FFP2).
Hand protection: Chemical protective gloves (EN 374). The manufacturer’s directions for use should be observed because of the great diversity of types.
Protective glove material: Nitrile rubber (480 min, 0.4 mm)
Chloroprene rubber (> 480 min; 0.5 mm)
Polyvinyl chloride (> 480 min; 0.7 mm)
Eye protection: Safety glasses with protective shields (EN 166).

9. Physical and Chemical Properties

Form: powder
Color: black
Odor: odorless
Self-ignition: 208°C
Thermal decomposition: 90°C
Explosion risk: Product does not present an explosion hazard.
Material Safety Data Sheet
According to regulation (EC) No. 1907/2006 (REACH)

24100 - Aniline Black

Density: 1.91 g/cm³ (20°C)
Bulk density: ca. 333 kg/m³
Solubility in water: insoluble
pH-Value: 4 - 7

10. Stability and Reactivity

Thermal decomposition/Conditions to be avoided:
Thermal decomposition is possible at increased temperatures.

Hazardous reactions:
Risk of dust explosion.

Hazardous decomposition products:
None if stored and handled according to specifications.

11. Toxicological Information

Acute toxicity
LD₅₀, oral: > 5000 mg/kg (rat)
LD₅₀, dermal: > 2000 mg/kg (rat)

Primary effects
Irritant effect on skin: Non irritating (rabbit)
Irritant effect on eyes: Non-irritating to eyes (rabbit)
Sensitization: No information available.
Cancerogenity: No data available.
Mutagenicity: No mutagenic effects observed.

12. Ecological Information

Elimination (Persistency and Degradability):
Can be eliminated from water by chemical adsorption.

Environmental Behaviour:
Due to its low solubility the product may be removed from water mechanically in suitable effluent treatment plants.

Ecological effects
Aquatic toxicity:
- Daphnia toxicity: EC₅₀: > 100 mg/l (48h, Daphnia magna) (OECD 202)
- Bacteria toxicity: EC₂₀: > 1000 mg/l (0.5h, active sludge) (OECD 209)

Behaviour in sewage system:
No impairment of the biodegradability of active sludge expected when small amounts are discharged in biological sewage plants.

Further ecological effects:
The product contains 20 W/W% chromium.
The product contains heavy metals. The local waste-water limit values are to be considered for the mentioned heavy metals.

AOX Value:
Product does not contain any organically bound halogen.

Results of PBT vPvB assessment:
This product is neither a PBT or vPvB substance nor does it contain a PBT or vPvB substance.

Further information
Water hazard class: 1
Do not let run into surface waters, waste water or soil.
13. Disposal Considerations

Product: In accordance with current regulations, product may be taken to a waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.

Uncleaned packaging: Uncontaminated packaging may be recycled. Packaging that may not are to be disposed of in the same manner as the product.

14. Transport Information

Road Transportation ADR/RID

Class: 4.2
Packaging group: III
UN No.: 3313
Classification code: S2
Tunnel No.: E
Hazard No.: 4.2
Correct technical name: ORGANIC PIGMENTS, SELF-HEATING

Sea transportation

IMDG/GGVSee Class: 4.2
Packaging group: III
UN No.: 3313
Hazard No.: 4.2
Correct technical name: ORGANIC PIGMENTS, SELF-HEATING

Air transportation

ICAO/IATA Class: 4.2
Packaging group: III
UN No.: 3313
Hazard No.: 4.2
Correct technical name: ORGANIC PIGMENTS, SELF-HEATING

Further information: No hazardous goods (classification 4.2) in containers smaller than 3000 liters.

15. Regulatory Information

Chemical safety assessment: No information available.

Technical instructions on air quality:

5.2.1. Total dust, including fine dust.

Water hazard class: 1, slightly hazardous for water

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations.
This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.