

SUPPLIER-DECLARED PRODUCT INFORMATION

AIC-Black SH-214

Safety Data Sheet | Phosphate Series | PBk 7

Basis: supplier-declared pigment/water formulation and supplier hazard and transport classification. No independent finished-mixture toxicology or ecotoxicology report was supplied for preparation of this issue.

1. Identification of the mixture and supplier

1.1 Product identifier: AIC-Black SH-214. 1.2 Identified use: aqueous self-dispersed pigment dispersion for industrial/professional inkjet ink formulation; consumer use not assessed.

1.3 Supplier: Haining Comax New Material Co., Ltd., Room 912, No. 3 Building, Shangdong Business Center, Haizhou Sub-district, Haining, Zhejiang 314400, China. SDS contact: inkjetchroma@gmail.com.

1.4 Emergency telephone: +86 198 1829 8813 (supplier-declared 24-hour chemical emergency information service).

2. Hazards identification

2.1 The supplier declares that this finished aqueous mixture does not meet CLP hazard-class criteria based on its declared formulation and available supplier information. This is the supplier's classification, not an independent laboratory classification by the document preparer.

2.2 No CLP pictogram, signal word or hazard statement assigned by the supplier. 2.3 No further mixture-specific PBT/vPvB or endocrine-disruption assessment supplied. Avoid unnecessary exposure and uncontrolled environmental release.

3. Composition/information on ingredients

3.2 Mixture; supplier-declared nominal mass fractions:

COMPONENT	REFERENCE IDENTIFIER	NOMINAL CONTENT
Surface-modified Pigment Black 7 (PBk 7)	Base pigment CAS 1333-86-4*	20 wt%
Water	CAS 7732-18-5	80 wt%

*The CAS number is a reference for the base C.I. pigment. Surface-modified pigment identity must be checked against the relevant raw-material specification; no separate additive has been declared in this formulation.

4. First-aid measures

4.1 Inhalation of mist: move to fresh air. Skin: wash with water. Eyes: rinse cautiously with water for several minutes; remove contact lenses if easy to do. Ingestion: rinse mouth; do not induce vomiting. Seek medical advice if symptoms persist.

4.2 No mixture-specific symptom study supplied. 4.3 Provide the product identity to medical personnel if treatment is needed.

5. Fire-fighting measures

5.1 Use extinguishing media suitable for the surrounding fire. 5.2 This product is an aqueous dispersion; combustion or drying of packaging and organic pigment may generate irritating fumes. 5.3 Firefighters should use appropriate protective equipment and self-contained breathing apparatus where needed.

6. Accidental release measures

6.1 Avoid slips and unnecessary skin/eye contact; use suitable protective equipment. 6.2 Prevent bulk liquid from entering drains or waterways. 6.3 Contain with inert absorbent, collect in labelled containers, and clean the affected area. 6.4 See Sections 8 and 13.

7. Handling and storage

7.1 Avoid aerosol formation; use good industrial hygiene. Do not eat or drink in handling areas. 7.2 Keep containers closed and upright in a cool, ventilated place protected from contamination and direct sunlight. Product-specific storage range, freeze-thaw tolerance and shelf life should be checked against the current TDS. 7.3 Specific end use: aqueous ink formulation.

8. Exposure controls/personal protection

8.1 Mixture-specific occupational exposure limits were not provided. Check local limits for the applicable pigment and aerosol-generating process. 8.2 Use adequate ventilation; for splash potential wear safety glasses and suitable gloves. Select respiratory protection by workplace risk assessment if mist is generated. Wash hands after handling.

9. Physical and chemical properties

9.1 Appearance: black aqueous liquid dispersion. Nominal pigment content: 20 wt%. TDS specification targets: pH 7.5-9.5; viscosity ≤ 3 mPa·s; conductivity $\leq 2,000$ μ S/cm; surface tension 40-80 mN/m; particle size D50 ≤ 140 nm. These are specification targets, not batch results.

Odour, freezing/boiling point, vapour pressure, density, flash point and other physical properties: no validated mixture-specific value supplied. 9.2 Relevant additional test details are available from the current model TDS and batch COA.

10. Stability and reactivity

10.1-10.3 The supplier reports storage stability under normal recommended conditions; no hazardous reaction is identified for the intended aqueous use. 10.4-10.6 Avoid contamination, incompatible processing chemicals and uncontrolled heat; specific incompatibility and decomposition studies were not supplied.

11. Toxicological information

11.1 No finished-mixture numerical LD50/LC50 or complete endpoint test report was supplied. The supplier's Section 2 classification is based on supplier formulation knowledge; it does not mean all exposures are risk-free. Do not use toxicity figures for a dry pigment powder as measured values for this aqueous dispersion.

11.2 Information on endocrine-disrupting properties and other hazards was not supplied. Avoid prolonged contact and inhalation of process mist.

12. Ecological information

12.1-12.7 No finished-mixture aquatic toxicity, persistence, bioaccumulation, mobility, PBT/vPvB or endocrine-disruption test results were supplied. Avoid bulk discharge to the environment.

13. Disposal considerations

13.1 Dispose of unused dispersion, absorbent and contaminated packaging in accordance with local rules and the waste contractor's classification. Do not discharge bulk material to drains.

14. Transport information

14.1-14.5 Supplier declaration: this formulated product is not regulated as dangerous goods as shipped. No UN number, transport hazard class or packing group is assigned by the supplier. 14.6 Secure closed containers upright and prevent leakage. 14.7 Maritime bulk transport is not the intended package mode.

This entry records the supplier's determination; shipment-specific ADR/RID, IMDG and ICAO/IATA documentation should be checked for the actual route and packaging.

15. Regulatory information

15.1 Apply the current chemicals, waste and workplace rules of the destination market. A base-pigment CAS reference does not itself establish registration or approval of the surface-modified mixture. This SDS does not assert EN71, AP89, OEKO-TEX or other product certification. 15.2 No separate chemical safety assessment report was supplied to this document preparer.

16. Other information

Issued 24 September 2026, revision 1.0. Sources: supplier-declared two-component composition and mixture/transport classification; AIC model TDS; EU Regulation 2020/878 as a 16-section organization reference.

No numerical toxicity or ecology endpoints are asserted without product-specific data. Product-specific classification and destination-market requirements remain the supplier's responsibility. Request the latest revision before formulation release or shipment.

Safety contact: inkjetchroma@gmail.com | 24-hour emergency: +86 198 1829 8813