

1. Product and Company

Product Name : GEN-IV K2 (62–120T) - Black, Marine, Blue (G), Blue (R), Scarlet, Red, Yellow, Green, Violet / GEN-IV K2 Top White (62–120T) / GEN-IV K2 Mixing White (62–120T), GEN-IV Base White (48-62T)

Company : Zydex Industries
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2. Composition Information on Ingredients

Chemical nature: Water Based Polymer Formulation with pigments
(Black, Marine, Blue (G), Blue(R), Scarlet, Red, Yellow, Green, Violet, White)

3. Possible Hazards

Critical hazards to man and the environment: Non-Hazardous

4. First-Aid Measures

General advice if inhaled	Remove contaminated clothing Keep patient calm, move to fresh air
On skin contact	Wash thoroughly with soap and water
On contact with eyes	Wash affected eyes for at least 15 minutes under running water with eyelids held open, Consult an eye specialist.
On ingestion	Rinse mouth and then drink plenty of water

5. Fire Fighting Measures

Suitable extinguishing media

Water spray, dry extinguishing media, foam, carbon dioxide (CO₂). Non-flammable and hence no fire hazard.

6. Accidental Release Measures

Personal precautions:

No special measures necessary

Environmental precautions

Do not let product enter drains

Methods for clearing up

Contain with absorbent material and dispose. Clean with water

7. Handling and Storage

Handling

Ensure thorough ventilation of stores and work areas

Protection against fire & explosion

No special measures necessary

Storage

Keep tightly closed in a dry and cool place.

8. Exposure Controls and Personal Protection

Respiratory protection

Avoid breathing vapour/aerosol

Hand protection

Protective gloves

Eye protection

Goggles

General safety and hygiene measures

The usual precautions for the handling of chemicals must be observed

9. Physical and Chemical Properties

Form	Paste
Colour	Black, Marine, Blue (G), Blue(R), Scarlet, Red, Yellow, Green, Violet / White
Odour	Sweet Smell
Flash point	> 100°C
Ignition temperature	> 200°C
Explosion hazard	No explosion hazard
Solubility in water	Dispersible in water
pH value	7 - 8

10. Stability and Reactivity

Conditions to avoid	Stable
Storage time	24 months
Hazardous reactions	None provided product is correctly processed

11. Toxicological Information → NON-TOXIC

Oral Toxicity: LD50 > 2000 mg/kg
Aquatic Toxicity: LC50, EC50, IC50 > 1 mg/kg
Other (Biodegradability): > 95

12. Ecological Information General Notes

Do not allow material to be released to the environment without proper governmental permits.

13. Disposal Consideration

Product	Must be dumped or incinerated in accordance with local regulations
Contaminated Packaging	Uncontaminated packs can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents

14. Transport Information

Not a hazardous material for transportation.

DOT regulations Hazard class	Not regulated
Land transport ADR/RID (Cross-border) ADR/RID Class	Not regulated
Maritime transport IMDG, IMDG Class	Not regulated
Air transport ICAO-TI and IATA-DGR , ICAO/IATA Class	Not regulated
Transport/Additional information	Not dangerous according to the above specifications.

15. Regulations

California Proposition 65:

This product may contain trace amounts of a chemical known to the State of California to cause cancer. This statement is included as required by Proposition 65 of the State of California.

National regulations:

All components of this product are listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory.

Product related hazard information:

- ✓ Hazard symbols: Non-Hazardous
- ✓ Risk phrases: Irritating to eyes, respiratory system and skin.

Safety phrases:

- ✓ In case of contact with eyes, rinse immediately with plenty of water & seek medical advice.
- ✓ Wear suitable protective clothing.

Information about limitation of use:

- ✓ For use only by technically qualified individuals

16. Other Information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of the information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product conformance with this Material Safety Data Sheet, or in combination with any product or process, is the responsibility of the user.

PS: The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.

Zydex Industries

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