



MATERIAL SAFETY DATA SHEET

ESAT – Aquatic Tint - SoluPak

I. GENERAL SUPPLIER INFORMATION

Product Identifier: ESAT – Aquatic Tint - SoluPak
Product Code: 5049
Class: 60 NON-HAZ
IHC: 3402.20.51.00
Product Use: Black & Blue Dye
Manufacturer: Earth Smart Solutions
Address: 120 – 60 Industry Way S.E., Calgary, AB., CA. T3S 0A2
Toll Free: 1-866-444-7174
Fax: 403-264-9606
Email: info@earth-smart-solutions.com

II. HAZARDOUS INGREDIENTS

Hazardous Components: None – GRAS (Generally recognized as safe)

III. PHYSICAL / CHEMICAL DATA

Bulk Density: 0.6 - 0.8 gr/cc
pH: 3.7 ± 4.5
Water Solubility: Complete
Form: Free Flowing Powder
Color: Dark blue or Black
Odor: No odour
Plate Count: 5 x 10⁹

IV. FIRE & EXPLOSION DATA

Flash Point: > 200° F
Special Fire Fighting Procedures: Firefighters should wear NIOSHA/MSHA Approved Self-Contained breathing apparatus and full protective clothing.
Extinguishing Media: Water, foam, CO₂, or dry chemical may be used.

V. REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None
Hazardous Byproducts: None
Hazardous Polymerization: Will not occur
Incompatibility: None



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VI. HEALTH HAZARD DATA

No potential health hazard associated with handling water soluble pouches

<u>Eye Contact:</u>	May cause irritation. Contact lenses should not be worn when working with chemicals.
First Aid:	Flush with water. Contact physician as required
Recommended Precautions:	Avoid creating dust in an enclosed environment
<u>Skin Contact:</u>	Wear Coveralls and boots to minimize skin contact. Exposure may cause irritation if a person has a history of dermal allergic reaction.
First Aid:	Wash with soap and water
Recommended Precautions:	Limit exposure
<u>Ingestion:</u>	Considered non toxic but can lead to nausea or diarrhea
First Aid:	Give two glasses of water to dilute product, do not induce vomiting. Contact physician as required.
Recommended Precautions:	Store in safe place
<u>Inhalation:</u>	May cause Irritation
First Aid:	Calm the individual, allow plenty of fresh air, and loosen clothing around neck. Contact physician as required.
Recommended Precautions:	Use approved respiratory mask as required. Avoid creating dust in confined areas.
General Precautions:	Wash hands after handling free product

VII. STORAGE & HANDLING

Recommended Storage:	Store in a dry place with temperatures above 30° F.
Precautions on Handling:	Keep away from heat. Keep container closed. No danger from handling water soluble pouches.
Waste Disposal:	Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, ect.) to spill area and shovel into containers for disposal. Large spillages, if contained, can be returned to container. Check regulations prior to disposing of large quantities.

VIII. COMPLIANCE

Fully complies with EPA Toxic Substance Control Act (TSCA) and the rules, orders and regulations promulgated there under including:

- Sections 4, 5, 6 & 7; Title 40 Chapter 1, 707.20 thru 707.75;
- 40 CFR Sections 704.3, 710.2(e) and 720.3(c); and
- Sections 5 and 13, reference 42FR64583
- Does not contain marine pollutants as defined in 49 CFR 171.8



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IX. BIOLOGICAL HAZARD DATA

This product has been shown to be free of Salmonella and Shigella using recommended procedures.

Does not contain animal or plant components

Prepared by: MSDS Coordinator

Preparation Date: March 16, 2001 - Last Revision: January 11, 2012

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