



Safety Data Sheet

Section 1. Identification	
Product Identification and Item Numbers:	Waterproof Black Marking Ink (BLK/1, BLK/2, BLK/8)
Product Description:	Black Tissue Stain
Recommended use and restrictions on use:	N/A
Supplier:	Delasco 608 13 th Avenue Council Bluffs, IA 51501 1-712-323-3269 www.delasco.com questions@delasco.com
In Case of Emergency, Contact:	Chemtrec (24 hour) 1-800-424-9300

Section 2. Hazard(s) Identification	
Classification:	
Hazardous to the aquatic environment – Acute (Category 1) Skin Sensitization (Category 1)	
Labeling:	
Hazard symbol(s):	  GHS07: irritant GHS09: environment
Signal word:	Danger!
Hazard statements:	
Very toxic to aquatic life	
Precautionary statements:	
<u>Prevention:</u> Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.	
<u>Response:</u> Wash contaminated clothing before reuse. Collect spillage. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice / attention.	

Section 3. Composition/Information on Ingredients		
Chemical Name and Concentration:	Ammonium Hydroxide	3.0%
	Benzisothiazolinone	0.71%
	Polyethoxylated Beta Naphthol	0.967%
	Aniline Dye	1.152%
Other Names, Common Names, Synonyms:	N/A	
CAS Number, other unique identifiers:	Mixture:	CAS#:
	Ammonium Hydroxide	1336-21-6
	Benzisothiazolinone	2634-33-5
	Polyethoxylated Beta Naphthol	35545-57-4
	Aniline Dye	62-53-3
Other classified impurities or stabilizers:	N/A	
Other ingredients posing health hazards:	N/A	
Concentration of other hazardous ingredients:	N/A	

Section 4. First-aid Measures	
Inhalation exposure:	Not available.
Skin exposure:	Wash with soap and water for 5 minutes.
Eye contact:	Rinse with tap water for 5-10 minutes. If irritation persists, seek medical care.
Ingestion:	Get prompt medical attention.

Section 5. Fire Fighting Measures											
Suitable / unsuitable extinguishing media:	No special media required.										
Specific hazards / combustion products:	Not combustible.										
Special protective equipment and precautions for fire-fighters:	No special fire fighting methods required.										
NFPA Hazard Classification	<table> <tr> <td>Health – N/A</td> <td>0-Minimal</td> </tr> <tr> <td>Flammability – N/A</td> <td>1-Slight</td> </tr> <tr> <td>Instability – N/A</td> <td>2-Moderate</td> </tr> <tr> <td></td> <td>3-Serious</td> </tr> <tr> <td></td> <td>4-Severe</td> </tr> </table>	Health – N/A	0-Minimal	Flammability – N/A	1-Slight	Instability – N/A	2-Moderate		3-Serious		4-Severe
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Section 6. Accidental Release Measures	
Personal precautions and protective equipment:	Handle with impermeable protective gloves.
Environmental Precautions:	<ul style="list-style-type: none"> Prevent leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Containment / clean up methods:	Absorb spillage with non-combustible, absorbent material.

Section 7. Handling and Storage	
Precautions for safe handling:	Use adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed. Avoid ingestion.
Conditions for safe storage:	Use adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed.
Incompatibilities to avoid:	Not available.

Section 8. Exposure Controls and Personal Protection	
OSHA Permissible Exposure Limit (PEL):	Not available.
Threshold Limit Value (TLV):	Not available.
Other exposure limits:	Not available.
Engineering controls:	Handle under good industrial safety practices. Wash hands when done working with this product. Ensure adequate ventilation. Keep out of the reach of children.
Personal protective equipment:	<p>Respiratory Protection: Use in a well-ventilated area.</p> <p>Eye Protection: Keep away from eyes.</p> <p>Skin Protection: Handle with impermeable protective gloves. Avoid skin contact. Wash hands immediately after use. Keep away from eyes.</p> <p>Ingestion: Avoid ingestion</p>
Other personal protection measures:	Provide nearby eyewash station and safety shower.

Section 9. Physical and Chemical Properties	
Appearance (physical state, color, etc.):	Not available.
Odor:	Not available.
Odor threshold:	Not available.
pH:	Not available.
Melting point / freezing point:	Not available.
Initial boiling point and boiling range:	Not available.
Flash point:	Not available.
Evaporation rate:	Not available.
Flammability	Not available.
Upper / lower flammability or explosive limits:	Not available.
Vapor Pressure:	Not available.
Vapor density:	Not available.
Relative density:	Not available.
Solubility:	Not available.
Partition coefficient: n-octanol/water:	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.

Section 10. Stability and Reactivity	
Chemical stability:	The product is stable.
Possibility of hazardous reactions:	Not available.
Conditions to avoid (static, shock, vibration...)	Not available.
Incompatible materials:	Not available.
Hazardous decomposition products:	Not available.

Section 11. Toxicological Information	
Routes of exposure:	Not available.
Acute Symptoms (acute):	Acute effects associated with the use of this material: Skin irritant. Eye irritant, May be harmful by ingestion or by skin contact. May be harmful if swallowed. Contact may result in irritation of the skin.
Symptoms (chronic): Chronic effects from short and long term exposure:	Not available.
Numerical measures of toxicity (e.g., acute toxicity estimates): (NIOSH)	The summated LD50 is 20691 mg/kg. The summated LC50 is 46512 mg/cubic meter.
NTP carcinogen:	This product is not considered to be a known or suspected human carcinogen by NTP, IACR, or OSHA.
EPA carcinogen:	Not available
ACGIH carcinogen:	Not available
IARC potential carcinogen:	This product is not considered to be a known or suspected human carcinogen by NTP, IACR, or OSHA.
OSHA carcinogen:	This product is not considered to be a known or suspected human carcinogen by NTP, IACR, or OSHA.

Section 12. Ecological Information (Non-mandatory)	
Ecotoxicity (aquatic and terrestrial, where available):	Very toxic to aquatic life.
Persistence and degradability:	Not available
Bioaccumulative potential:	Not available
Mobility in soil:	Not available
Other adverse effects:	Not available

Section 13. Disposal Considerations (Non-mandatory)	
Safe methods of disposal:	Dispose of in accordance with federal, state, and local regulations.

Section 14. Transport Information (Non-mandatory)						
US DOT	UN number:	Not available	Class:	Not available	Packing Group:	Not available
UN proper shipping name:			Not available			
Packing group, if applicable:			Not available			
Environmental hazards (marine pollutant, etc...)			Not available			
Special transport precautions:			U.S. DOT (49 CFR 172.101): This is not a hazardous material as classified by CFR 172.101.			

Section 15. Regulatory Information (Non-mandatory)	
Specific safety, health, and environmental regulations:	N/A

Section 16. Other information	
Date of preparation or last revision:	September 12, 2018