

*RESISTALL*

**Material Safety Data Sheet**


**Material Name: Laundry Tag Paper**

**MSDS ID: 2021041A**

**\*\*\*Section 1 - PRODUCT AND COMPANY IDENTIFICATION\*\*\***

**Material Name: Laundry Tag Paper**

**SUPPLIER DETAILS:**

Preservation Equipment Ltd    
 www.preservationequipment.com giving history a future

Vinces Road, Diss, Norfolk, England IP22 4HQ  
 Tel: +44 (0)1379 647400 Fax: +44 (0)1379 650582

**Product Use**

Laundry tag paper

**Usage Restrictions**

None known.

**\*\*\*Section 2 - HAZARDS IDENTIFICATION\*\*\***

**EMERGENCY OVERVIEW**

**Color:** various colors

**Physical Form:** paper

**Odor:** none

**Health Hazards:** Mechanical irritation may occur.

**Physical Hazards:** May form combustible dust concentrations in air (during handling or processing).

**POTENTIAL HEALTH EFFECTS**

**Inhalation**

**Short Term:** mechanical irritation

**Long Term:** May cause cancer based on animal data.

**Skin**

**Short Term:** mechanical irritation

**Long Term:** no information on significant adverse effects

**Eye**

**Short Term:** mechanical irritation

**Long Term:** no information on significant adverse effects

**Ingestion**

**Short Term:** no information on significant adverse effects

**Long Term:** no information on significant adverse effects

**OSHA Regulatory Status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**\*\*\*Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS\*\*\***

CAS	Component	Percent
65996-61-4	Cellulose pulp	0-50
1333-86-4	Carbon black	0-20
1309-37-1	Iron oxide (Fe2O3)	0-20
Not Available	Melamine formaldehyde resin	2-5
Proprietary	Pigment fixative	0-5
111-46-6	Diethylene glycol	0.4-0.6

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Proprietary	Resin-Rosin compound	0.3-0.5
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## Component Related Regulatory Information

This product may be regulated, have exposure limits or other information identified as the following: Iron compounds, Iron oxides.

### \*\*\*Section 4 - FIRST AID MEASURES\*\*\*

#### Inhalation

If adverse effects occur, remove to uncontaminated area. Get medical attention if irritation develops or persists.

#### Skin

Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed.

#### Eyes

Flush eyes with plenty of water for at least 15 minutes. Get medical attention, if needed.

#### Ingestion

If a large amount is swallowed, get medical attention.

### \*\*\*Section 5 - FIRE FIGHTING MEASURES\*\*\*

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

#### Flammable Properties

Slight fire hazard. Dust/air mixtures may ignite or explode.

#### Extinguishing Media

Media to use includes regular dry chemical, carbon dioxide, regular foam, and water.  
Large fires: Use regular foam or flood with fine water spray.

#### Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus and protective clothing.

#### Fire Fighting Measures

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

#### Thermal Decomposition Products

Combustion: oxides of carbon, formaldehyde, various organic fragments

### \*\*\*Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\*

#### Occupational spill/release

Collect spilled material in appropriate container for disposal. Keep out of water supplies and sewers.

### \*\*\*Section 7 - HANDLING AND STORAGE\*\*\*

#### Handling Procedures

Avoid creation of dust. Avoid dusting when handling and avoid all possible sources of ignition (spark or flame).  
Avoid breathing dust. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

#### Storage Procedures

Store and handle in accordance with all current regulations and standards. Store indoors. Store in a cool, dry, well ventilated area of non-combustible construction. Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight. Avoid overstacking to prevent collapse or breakage of the package.

### \*\*\*Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION\*\*\*

#### Exposure Guidelines

The particulates in this mixture are embedded within the substrate and should not pose a respirable dust hazard during standard application and product use.



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## Component Exposure Limits

### Carbon black (1333-86-4)

- ACGIH: 3.5 mg/m3 TWA
- OSHA: 3.5 mg/m3 TWA
- NIOSH: 3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)
- Mexico: 3.5 mg/m3 TWA  
7 mg/m3 STEL

### Iron oxide (Fe2O3) (1309-37-1)

- ACGIH: 5 mg/m3 TWA (respirable fraction)
- OSHA: 10 mg/m3 TWA (fume)
- NIOSH: 5 mg/m3 TWA (as Fe, dust and fume)
- Mexico: 5 mg/m3 TWA  
10 mg/m3 STEL (as Fe)

## Engineering Controls

General or local exhaust ventilation and other forms of engineering controls are the preferred means for controlling exposures. Ensure compliance with applicable exposure limits. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

## PERSONAL PROTECTIVE EQUIPMENT

### Eyes/Face

Wear safety goggles if eye contact is possible.

### Protective Clothing

Wear appropriate chemical resistant clothing.

### Glove Recommendations

Wear appropriate chemical resistant gloves.

### Respiratory Protection

If respirable dusts are generated, respiratory protection may be needed.  
Any dust respirator.

## \* \* \*Section 9 - PHYSICAL AND CHEMICAL PROPERTIES\* \* \*

<b>Physical State:</b>	Solid	<b>Appearance:</b>	Not available
<b>Color:</b>	various colors	<b>Physical Form:</b>	paper
<b>Odor:</b>	none	<b>Odor Threshold:</b>	Not available
<b>pH:</b>	Not available	<b>Melting Point:</b>	Not available
<b>Boiling Point:</b>	Not applicable	<b>Flash Point:</b>	Not applicable
<b>Evaporation Rate:</b>	Not available	<b>OSHA Flammability Class:</b>	Not applicable
<b>Vapor Pressure:</b>	Not applicable	<b>Vapor Density (air = 1):</b>	Not applicable
<b>Density:</b>	Not available	<b>Specific Gravity (water = 1):</b>	Not available
<b>Water Solubility:</b>	Not available	<b>Log KOW:</b>	Not available
<b>Coef. Water/Oil Dist:</b>	Not available	<b>Auto Ignition:</b>	Not available
<b>Viscosity:</b>	Not applicable	<b>VOC:</b>	Not available

## \* \* \*Section 10 - STABILITY AND REACTIVITY\* \* \*

### Chemical Stability

Stable at normal temperatures and pressure.

### Conditions to Avoid

Avoid flames, sparks, and other sources of ignition.

### Materials to Avoid

Incompatible materials include halogens, peroxides, and oxidizing materials.

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## \*\*\*Section 13 - DISPOSAL CONSIDERATIONS\*\*\*

### Disposal Methods

Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA

### Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

## \*\*\*Section 14 - TRANSPORT INFORMATION\*\*\*

### US DOT Information

Not regulated.

### TDG Information

Not regulated.

### IATA Information

Not regulated.

### ICAO Information

Not regulated.

### IMDG Information

Not regulated.

## \*\*\*Section 15 - REGULATORY INFORMATION\*\*\*

### U.S. Federal Regulations

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

### SARA 311/312

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No

### U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Carbon black	1333-86-4	Yes	Yes	Yes	Yes	Yes	Yes
Iron oxide (Fe2O3)	1309-37-1	Yes	Yes	Yes	Yes	Yes	Yes
Diethylene glycol	111-46-6	No	No	Yes	No	Yes	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

### Canada Regulations

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

WHMIS CLASSIFICATION: D2A

### Ingredient Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which fall under WHMIS criteria specified in the Controlled Products Regulations and present above the threshold limits listed on the IDL.

Carbon black (1333-86-4)

1 %

Iron oxide (Fe2O3) (1309-37-1)

1 %



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## Component Analysis - Inventory

Component	CAS	US	CA
Cellulose pulp	65996-61-4	Yes	DSL
Carbon black	1333-86-4	Yes	DSL
Iron oxide (Fe2O3)	1309-37-1	Yes	DSL
Pigment fixative	Proprietary	Yes	DSL
Diethylene glycol	111-46-6	Yes	DSL
Resin-Rosin compound	Proprietary	Yes	DSL

## \*\*\*Section 16 - OTHER INFORMATION\*\*\*

### Summary of Changes

New MSDS: 02/09/2011

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CPR - Controlled Products Regulations; DOT - Department of Transportation; DSL - Domestic Substances List; EPA - Environmental Protection Agency; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; Kow - Octanol/water partition coefficient; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; OSHA - Occupational Safety and Health Administration; RCRA - Resource Conservation and Recovery Act; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

### Other Information

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE, except that the product shall conform to contracted specifications, and that the product does not infringe any valid United States or Canadian patent. No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.

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