

# SAFETY DATA

Product Identification: IRGR362P EASYROLL Ink Roll

Revision Date: 10/22/14

## 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE

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- 1.1 Product Identifier:** IRGR362P EASYROLL Ink Roll
- Generic Description:** Violet oil-based ink within a polyurethane or polyethylene porous foam
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:** This product is intended for the purpose of marking or printing on porous substrates, such as paper or paper board.  
It is not intended for any other use.

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## 2. SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**According to Regulation (EC) 1272 / 2008:**

There are no specific hazard class codes for this mixture.

**According to EU Directives 67 / 548 / EEC or 199 / 45 / EC:**

There are no specific Risk Phrases for this mixture.

## 2.2 Label Elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

### Hazard Statements:

There are no specific hazard statements for this mixture.

### Hazard Pictograms:

There are no hazard pictograms for this mixture.

**Signal Word:** None

### Precautionary Statements Prevention:

P202	Do not handle until all safety precautions have been read and understood
P264	Wash thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P273	Avoid release to the environment
P281	Wear personal protective equipment as required

### Precautionary Statements Response

P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P302 + P352	IF ON SKIN: Wash with soap and water
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305 + P351 + P338 + P310	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
P314	Get Medical advice / attention if you feel unwell
P332 + P313	If skin irritation occurs: Get medical advice / attention
P391	Collect spillage

**There are no Precautionary Statements Storage for this mixture**

### Precautionary Statement Disposal

P501	Dispose of contents / container as waste code 08 03 99.
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## 2.3 Other Hazards

This mixture does not contain any substances that are listed as PBT or vPvB in accordance with Annex XIII.

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## 3. SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substance

This substance is a mixture of pigments, fatty acids and fatty acid esters.

### 3.2 Mixture Information

#### Hazardous Ingredients

There are no hazardous ingredients in this mixture according to Annex VI to Regulation (EC) No 1272/2008.

**3.2.1 Substances meeting criteria for classification in accordance with Directive 1999/45/EC**

There are no substances in this mixture for classification in accordance with Directive 1999/45/EC.

**3.2.2 Substances meeting criteria for classification in accordance with Regulation (EC) 1272/2008:**

There are no substances in this mixture for classification in accordance with Regulation (EC) 1272/2008.

**3.2.3 Indications of Danger, Symbol Letter(s), R Phrases, Hazard Class(es) and Category Codes**

There are no hazardous ingredients in this mixture according to Annex VI to Regulation (EC) No 1272/2008.

**3.2.4 Registration Numbers**

These numbers have not yet been assigned.

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**4. SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

**Skin contact:** Wash with an oil-based soap (recommended for removing grease and oil) and rinse with large amounts of water. Moisturizing skin cream or lotion may be applied if skin is dry or irritated.

**Eye contact:** With eyes open, rinse immediately with copious amounts of water for at least 15 minutes, lifting both upper and lower eyelids.

**4.1.2 General Advice**

If patient shows symptoms of respiratory distress, contact a physician immediately and move patient to fresh air. Remove all contaminated clothing and footwear immediately.

Thoroughly wash or launder clothing or discard before re-use.

Do not re-use disposable gloves.

Consult a physician if skin irritation develops or persists.

Consult a physician if eye irritation develops or persists.

Incidental or accidental exposure through ingestion is not expected, but should it occur, consult a physician before any treatment is administered.

**4.2 Important Symptoms and Effects, Both Acute and Delayed**

Skin redness, dryness or rash, should be managed the use of impervious gloves and moisturizing lotion if needed.

Persistent symptoms should be examined by a medical professional.

Eye irritation that develops or persists should be examined by a medical professional.

**4.3 Indication of any Immediate Medical Attention and Special Treatment Needed**

No information or clinical testing is available for the immediate, delayed or long-term effects of exposure to this material.

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## 5. **SECTION 5: FIRE-FIGHTING MEASURES**

### 5.1 **Extinguishing Media**

Water spray, carbon dioxide, dry chemical

#### **Extinguishing Media which must not be used for safety reasons**

None anticipated

#### **Extinguishing Media exclusions**

If ink (without foam) is present in large quantities, avoid direct contact with high-pressure water. High pressure water may spread fire similar to a grease fire.

### 5.2 **Special Hazards Arising From the Substance or Mixture**

Product may decompose upon extreme heat and fire and release toxic gases including oxides of carbon and nitrogen.

### 5.3 **Advice for firefighters**

In case of fire, fire fighters should wear self-contained breathing apparatus (BA) and protective clothing. Evacuate personnel to a safe area or at a safe distance from the fire.

Restrict the affected area to only those persons equipped to respond to the emergency.

If there is no risk, remove any product to a safe area or at a safe distance from the fire.

If product cannot be removed, keep containers that are at risk cooled with water spray.

Contaminated water used for fire extinguishing and fire residues should be disposed of in accordance with local regulations.

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## 6. **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### 6.1 **Personal Precautions, Protective Equipment and Emergency Procedures**

#### 6.1.1 **For Non-Emergency Personnel**

Wear protective clothing, eye protection and impervious (latex, nitrile) gloves.

#### 6.1.2 **For Emergency Responders**

Wear protective clothing, eye protection and impervious (latex, nitrile) gloves.

### 6.2 **Environmental Precautions**

Do not allow product to be swept or flushed into drain or water supply

Do not allow product to flow into drain, water supply or soil.

### 6.3 **Methods and Materials for Containment and Clean Up**

#### 6.3.1 **Spill Containment**

Contain spill by placing absorbent material such as vermiculite, sawdust, or rags around the perimeter of the spill.

In the case of a leak, place leaking container in larger, leak proof container with sufficient absorbent material to absorb all remaining material if needed.

### **6.3.2 Spill Cleanup**

Add sufficient absorbent material (vermiculite, sawdust, rags) to completely absorb spill.  
Place waste absorbent into a suitable cleaner for disposal.  
Use a suitable cleaning solution (designed for oil and grease removal) to remove any residue.

### **6.3.3 Additional Information**

Isolate spill from any incompatible materials  
Never return spilled product back into its original container for reuse.  
Dispose of all empty containers, spent absorbent and other cleaning materials in accordance with all appropriate regulations.

## **6.4 Reference to other Sections**

Reference sections 8 and 13 for more specific information on Exposure Controls/Personal Protection and Disposal Considerations

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## **7. SECTION 7: HANDLING AND STORAGE**

### **7.1 Precautions for Safe Handling**

**7.1.1** Keep containers away from direct sunlight and temperature extremes.  
Keep containers away from flammable and incompatible substances.  
Keep containers closed when not in use.  
In the event of a spill, contain the material so as not to enter drains or other environmental release.

**7.1.2** Utilize good industrial safety practices when handling this product.  
Wear impervious gloves and protective clothing where incidental contact is possible.  
If material comes in contact with clothing or unprotected skin, remove affected clothing and wash skin with oil-based soap.

### **7.2 Conditions for Safe Storage, Including Any Incompatibilities**

Product should be stored at 4-10° C for longest shelf life when not in use.  
Product may be stored in non-reactive containers such as stainless steel, polyethylene, polypropylene, glass or ceramic.  
Keep containers closed when not in use.

### **7.3 Specific End Use(s)**

This product is solely intended for the use of transferring ink as letters, characters or graphics for marking on porous papers and paper products.

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## **8. SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **8.1 Control Parameters**

There are no GESTIS International Limit Values established for this mixture or any of its components.

## 8.2 Exposure Controls

### 8.2.1 Appropriate Engineering Controls

Use product with adequate ventilation if application environment is sufficient warm to generate mists and/or odor.

### 8.2.2 Personal Protection

#### Respiratory Protection

No special equipment or protection required for normal use of the product

#### Hand/Skin Protection

Impervious gloves (latex, nitrile)

#### Eye Protection

Safety glasses with side shields are recommended for any use that can result in a splashing hazard.

#### Protective Clothing / Footwear

Suitable clothing to prevent or minimize possible exposure to incidental contact with ink or ink spills should be worn. Clothing that is contaminated with ink should be immediately removed and cleaned or laundered before reuse. Appropriate footwear should not expose any part of the foot or toes.

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## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1.1	(a) Appearance	Violet ink / Porous foam impregnated with Violet ink
	(b) Odor	Slight oily
	(c) Odor Threshold	Not determined
	(d) pH	Not applicable (material is not water miscible)
	(e) Melting Point /Freezing Point	Not applicable (material will not melt or freeze)
	(f) Initial Boiling Point and Boiling Range	Not applicable (material will not boil)
	(g) Flash Point	> 92 °C, TCC
	(h) Evaporation Rate	< n-Butyl Acetate
	(i) Flammability	Not Spontaneously Flammable
	(j) Upper/lower flammability or explosive limits	No data available
	(k) Vapor pressure	<0.1 mm Hg at 20 °C
	(l) Vapor Density	No data available
	(m) Relative Density	1.1 g/ml
	(n) Solubility(ies)	Insoluble in water
	(o) Partition coefficient (n-octanol/water)	Not determined
	(p) Auto-ignition temperature	>300 °C
	(q) Decomposition temperature	>300 °C
	(r) Viscosity	1000 – 2200 cps at 25 °C (ink)
	(s) Explosive Properties	Mixture is not explosive
	(t) Oxidizing Properties	Mixture does not contain oxidizers

### 9.2 Other Information

This mixture is not water miscible or conductive.

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## 10. SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Product is not expected to spontaneously react or polymerize.

## **10.2 Chemical Stability**

Product is stable under normal ambient and anticipated storage and handling conditions of temperature, humidity and pressure. Refer to Section 7.2 for additional information.

## **10.3 Possibility of Hazardous Reactions**

Product is not expected to spontaneously react or polymerize.

## **10.4 Conditions to avoid**

Keep product in closed containers away from direct light and avoiding temperature extremes.

## **10.5 Incompatible materials**

Avoid contact with strong oxidizers.

## **10.6 Hazardous Decomposition Products**

Does not decompose when used as intended.

Thermal decomposition may result in the release of oxides of carbon and nitrogen.

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# **11. SECTION 11: TOXICOLOGICAL INFORMATION**

## **11.1 Information on Toxicological Effects**

### **11.1.1 Substances**

There is no toxicological information on any of the individual components of this mixture.

### **11.1.2 Mixtures**

This material has not been evaluated as a mixture.

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# **12. SECTION 12: ECOLOGICAL INFORMATION**

## **12.1 Toxicity**

This material has not been evaluated as a mixture.

## **12.2 Persistence and degradability**

This material has not been evaluated as a mixture.

## **12.3 Bioaccumulative Potential**

This material has not been evaluated as a mixture

## **12.4 Mobility in soil**

This material has not been evaluated as a mixture.

#### **12.5 Results of PBT and vPvB assessment**

This material has not been evaluated as a mixture.

#### **12.6 Other adverse effects**

This material has not been evaluated as a mixture.

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### **13. SECTION 13: DISPOSAL CONSIDERATIONS**

This material is not a RCRA Listed waste.

#### **13.1 Waste treatment methods**

Disposal should be in accordance with all applicable regulations.

##### **13.1.1 Product / Packaging Disposal**

Empty and clean used containers completely and puncture or otherwise destroy empty container before disposal.

Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product.

No waste code number in accordance with European waste catalogue can be specified for this product since it can only be categorized on the basis of its use by the consumer.

The waste code number is to be applied by arrangement with the disposal contractor, manufacturer or authority.

##### **13.1.2 Sewage disposal-relevant information**

Do not dump this material in sewers, on the ground or into any body of water.

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### **14. SECTION 14: TRANSPORTATION INFORMATION**

#### **14.1 UN Number**

This material is not UN regulated.

#### **14.2 UN Proper Shipping Name**

This material is not UN regulated

#### **14.3 Transportation Hazard Class(es)**

This material is not classified as ICAO/IATA-DGR Dangerous Goods.

This material is not classified as hazardous per the IMDG Code.

This material is not classified as hazardous per ADR.

This material is not classified as hazardous per the U.S. Department of Transportation (DOT).



**14.4 Packing Group**

This material is not UN / IATA regulated.

**14.5 Environmental Hazards**

This material has not been evaluated as a mixture.

**14.6 Special Precautions for user**

No special precautions are required for this material.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

This material will not be transported in bulk.

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**15. SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This material has not been evaluated as a mixture.

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this mixture.

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**16. SECTION 16: OTHER INFORMATION**

**Revision History:** 10/22/14