

## Material Safety Data Sheet

### Section 1: Product and Company Identification Information

1. Product Name: RolyPoly™ Banner Film (RPBF)
2. Use: Solvent Film
3. Company Information: Roland DGA Corporation, 15363 Barranca Parkway, Irvine, CA 92618

### Section 2: Composition/Information of Ingredients

This product is laminated polyethylene terephthalate film and polypropylene film and then ink receptive layer coated sheet.

Chemical Name	CAS Number	%wt
Polypropylene Homopolymer	9003-07-06	40-50%
Polyethylene Terephthalate	25038-59-9	15-20%
Polypropylene Copolymer	9010-79-1	5-10%
Polymer with Chloroethylene and Vinyl Acetate	9005-89-9	10-15%
Additives		1-5%

### Section 3: Hazards Identification

HIMS Ratings (scale 0~4):

Health 1 Flammability 1 Reactivity 0

Potential Health Effects

Skin Contact: Temporary irritation may occur.

Eye Contact: Solid or dusts may cause several eye irritations with redness and pain.

Inhalation: Inhalation of this product is unlikely. However, cause irritation to the nose and throat.

Ingestion: Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

### Section 4: First Aid Measures

Eye contact: Wash exposed eye with soap and water.

Skin Contact: Wash exposed skin with soap and water.

Inhalation: If inhaled, remove to fresh air.

Ingestion: This product is not intended to be ingested or eaten. If this product is ingested, severe irritation of the Gastrointestinal (GI) tract may occur, and should be treated symptomatically. Seek medical attention.

### Section 5: Fire Fighting Measures

Flash Point / Method: Not applicable

NFPA Rating (Scale 0~4):

Health 1 Flammability 1 Reactivity 0

Flammable limits in Air: LEL/ UEL No data available

Autoignition temperature: Not applicable

Explosion: Not Applicable

Fire Extinguishing Media: In case of fire, use water spray, foam, dry chemical powder or carbon dioxide.



Special Information: No special procedures are expected to be necessary for this product.

#### **Section 6: Accidental Release Measures**

Spill or leak Procedures: This product is non-hazardous. Cleanup of spills requires no special equipment or procedures.

#### **Section 7: Handling and Storage**

Handling: Use protective equipment as described in Section of this safety data sheet when handling uncontained material. Handle in accordance with good industrial hygiene and safety practices.

Storage: Warehouse storage should be in accordance with package directions, if any. Product should be kept clean, dry, and original package.

Packing: Suggested roll and sheet.

#### **Section 8: Exposure Controls/Personal Protection**

Ventilation: No special ventilation systems are required under normal conditions of use.

Respiratory Protection: For most conditions, no respiratory protection should be needed. However, in dusty atmospheres, use an approved dust respirator.

Skin Protection: Any glove may be used for protection from mechanical irritation.

Eye Protection: Use safety glasses.

#### **Section 9: Chemical and Physical Properties**

Appearance: Glossy sheet

Melting Point: 320°F to 338°F (160°C to 170°C)

Boiling Point: Not applicable

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Solubility in Water: Slight only coated surface

pH: Not applicable

Specific Gravity: 1.10-1.20g/cm<sup>3</sup>

Odor: Odorless

Evaporation Rate: Not applicable

#### **Section 10: Stability and Reactivity**

Stability: Stable under ordinary conditions of use and storage.

Conditions to Avoid: Avoid heat, sparks, flames, Elevated high temperature and other sources of ignition.

Materials to Avoid: Isolate from strong oxidizers such as permanganates, chromates peroxides and water.

Incompatibilities: None known.

Hazardous Decomposition Products: Carbon Monoxide and carbon dioxide may form when heated to decomposition.

Hazardous Polymerization: Will not occur.

#### **Section 11: Toxicological Information**

Acute Toxicity

Inhalation: Not relevant information found.

Skin: Not relevant information found.

Eye: Not relevant information found.

Ingestion: Not relevant information found.



Chronic Toxicity  
Not relevant information found.

Toxicity Data  
Not applicable. This product is not toxic.

Subchronic Hazard /Conditions Aggravated  
Conditions Aggravated: None known

Cancer, Reproductive and Other Chronic Hazard:  
This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGUH, as of this date, greater or equal to 0.1%

**Section 12: Ecological Information**

Environmental Fate: Not applicable. This product is not toxic.  
Environmental Toxicity: Not applicable. This product is not toxic.

**Section 13: Disposal Information**

Incinerate dispose of in accordance with Federal, state or Local regulations.

**Section 14: Transportation Information**

International Information:  
Sea (IMO/IMDG)  
Shipping Name: Not applicable  
Air (ICAO/IATA)  
Shipping Name: Not applicable  
European Road / Rail (ADR/RID)  
Shipping Name: Not applicable  
Canadian Transportation of Dangerous Goods  
Shipping Name: Not applicable

**Section 15: Regulatory Information**

CERCLA (40 CFR 117, 302):  
This product is not regulated.

Sara Title III Section 302 Extremely Hazardous Substances (40 CFR 355):  
This product is not regulated.

Sara Title III Section 311/312 Extremely Hazardous Substances (40 CFR 370):  
Acute: No Chronic: No Fire: No Pressure: No Reactivity: No

Sara Title III Section 313 (40 CFR 372):  
Not applicable

U.S. Inventory (TSCA): Not applicable

OSHA Hazard Communication Standard: Not applicable



EC Inventory (EINECS/ELINCS): No data available.

JAPAN Inventory (MITI): No data available.

AUSTRALIA Inventory (AICS): No data available.

KOREA Inventory (ECL): No data available.

CANADA Inventory (DSL): No data available.

PHILIPPINE Inventory (PICCS): No data available.

**Section 16: Other Information**

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The information in this Material Safety Data Sheet (MSDS) is believed to be correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is subject to revision as additional knowledge and experience is gained. Roland DGA does not warrant the completeness or accuracy or the information contained herein.