



Part of Ant Group Ltd

## ESD Caution Labels

**Features:**

- Printed black text on yellow background
- Various sizes available
- 1000 labels per roll
- Industry standard design



Image show is of 76x38mm labels, layout may vary on different sizes.

<b>BACKING PAPER</b>	Honey Glassine 65 Yellow transparent glassine backing paper Backing paper for all reelstock applications suitable for automatic dispensing
----------------------	--

	<b>Test Method:</b>	<b>Value:</b>	<b>Units:</b>
Substance	ISO 536	60	g/m <sup>2</sup>
Caliper	ISO 534	53	microns
Tensile Strength MD	ISO 1924	6.3	kN/M
Tensile Strength CD	ISO 1924	2.4	kN/M
Transparency	DIN 53147	50	%
Warranty	Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use.		

<b>ADHESIVE</b>	RP51 General purpose strong permanent. Acrylic, water borne. Good adhesion to all normal substrates, including non-polar surfaces, films and corrugated board. Good low temperature performance.
-----------------	---

	<b>Test Method:</b>	<b>Value:</b>	<b>Units:</b>
Tack min	FTM9	14	N
Shear Min	FTM8	1.0	h
PE-Looptack Min	modified FTM9	10	N
Labelling Temperature Min	-	0	°C
Service Temperature Min	-	-20	°C
Service Temperature Max	-	80	°C
Limitations	Not recommended for labelling highly curved surfaces.		
Additional Info	Approval: The research centre ISEGA has given the adhesive approval for direct contact with dry and moist non-fatty foods.		
Shelf Life	From the date of manufacture 4 years in +20 °C and RH 50%.		
Warranty	Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use.		



Part of Ant Group Ltd

## Yellow ESD Caution Labels

<b>ROLL</b>	Raflabrite IL White woodfree machine coated SC midgloss face paper. Multipurpose label paper, suitable for Indigo digital offset printing.
-------------	--

	<b>Test Method:</b>	<b>Value:</b>	<b>Units:</b>
Substance	ISO 536	86	g/m <sup>2</sup>
Caliper	ISO 534	73	microns
Tensile Strength MD	ISO 1924	5.6	kN/M
Tensile Strength CD	ISO 1924	2.7	kN/M
Brightness	ISO 2470/1	88	%
Roughness	ISO 8791 / PPS10	1.1	microns
Opacity	ISO 2471	89	%
Stiffness MD	ISO/DP 5629/1	0.25	mNm
Stiffness CD	ISO/DP 5629/1	0.15	mNm
Printability	Optimized for the HP Indigo WS2000 and WS4000 digital printing presses. Pretesting recommended for conventional printing methods.		
Advantages	Stiffness of the paper offers good application characteristics for large labels. Good strength properties enables matrix stripping of difficult shapes.		
Shelf Life	Laminate one year if stored at room temperature (+20°C), RH 50% protected from light.		
Warranty	Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use.		

<b>PRINTING INKS</b>	Water based printing inks.
----------------------	----------------------------

COMPOSITION Chemical Type	Combination of organic and inorganic pigments, organic resins, water and non volatile organic liquids. Contains no isopropanol. Not assigned.
Composition	
HAZARDS IDENTIFICATION Main Hazards (as assessed by CHIP Regulations) Otehr Hazards	Not defined as hazardous within the context of CHIP Regulations.  The inks are slightly alkaline.
FIRST AID MEASURES Eyes	Immediately wash the eye with clean water for at least 10 minutes, holding eye open. Obtain medical attention if soreness persists. Remove contaminated clothing, wash skin with soap and water. Apply skin conditioner if dryness occurs. Do NOT induce vomiting because of risk of aspiration. If affected person is conscious, rinse mouth and give plenty of water to drink. Obtain medical help immediately. It is most unlikely that anyone would be affected by inhalation at ambient temperatures. If person feels unwell, remove to fresh air and keep still and warm. See Toxicological Information.
Skin	
Ingestion	
Inhalation	
Symptoms & Effects	



Part of Ant Group Ltd

## Yellow ESD Caution Labels

<b>PRINTING INKS</b>	Water based printing inks.
<b>FIRE FIGHTING MEASURES</b> Extinguishing Media Protective Equipment Exposure Hazards	Not required. Waterspray, foam, dry chemical or carbon dioxide may be used on adjacent combustible materials. Self contained breathing apparatus in severe fire conditions. If involved in large fire, may decompose releasing irritant/toxic fumes.
<b>ACCIDENTAL RELEASE MEASURES</b> Personal Precautions Environmental Precautions Dealing with Spillages	Avoid contact with skin and eyes. Shut off leaks if possible without personal risk. Prevent large spillage from entering drains, ditches and rivers by the use of sand or earth. Inform local authorities/ Fire Service at once if this cannot be prevented. Contain and absorb spillage using earth, sand or other inert material. Transfer to suitable containers for disposal. When the spillage has been cleared, flush the contaminated area thoroughly with water.
<b>PHYSICAL &amp; CHEMICAL PROPERTIES</b> Appearance/Odour Boiling Point/Range Flash Point Explosion Limits Autoignition Temperature Vapour Pressure Density Solubility in Water Evaporation Rate Viscosity pH	Coloured liquids with a characteristic odour. Approx. 100°C. N/A. N/A. N/A. Not determined. Typically 1.05 - 1.40 at 20°C. Completely miscible. Similar to water. Variable. 8.5 - 9.5.
<b>STABILITY &amp; REACTIVITY</b> Stability Conditions and Materials to Avoid Hazardous Products of Decomposition	Stable under normal conditions. Do not allow to freeze. Decomposition products may be irritant or toxic.
<b>TOXICOLOGY INFORMATION</b> Acute Toxicity Skin Eyes Ingestion/Inhalation Long Term Effects	Oral LD50 (rat) > 2,000 mg./kg. calculated from toxicity information on constituent products. Repeated or prolonged skin contact may cause drying and cracking. Liquid may cause slight eye irritation. No effects expected from inhalation at ambient temperature. Accidental ingestion of injurious quantities is unlikely. Action of stomach acids on some inks could release toxic gases. No long term effects expected.
<b>ECOLOGICAL INFORMATION</b> Mobility Persistence and Degradability Bio-accumulation Ecotoxicity	Disperses rapidly in water. Viscosity of ink would prevent it from readily penetrating soil. The resin components are readily biodegraded but, in general, the pigments are not. Information not available. Information not available.



Part of Ant Group Ltd

## Yellow ESD Caution Labels

Product Code:	Description:	Size:	Additional Notes:
055-0002	Yellow ESD Caution Labels	50 x 25mm	Per Roll
055-0003	Yellow ESD Caution Labels	76 x 38mm	Per Roll
055-0068	Yellow ESD Caution Labels	16 x 38mm	Per Roll