

# PRODUCT CHARACTERISTIC SHEET and COC

## **PLEASE READ BEFORE USING!**

**Material: RubberMark Clear Transfer Adhesive**

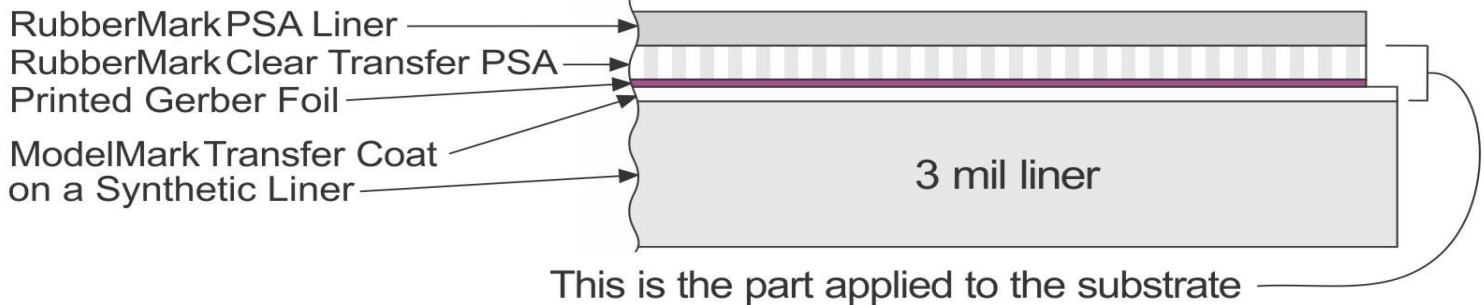
**Part Nos: TAS2RM1050C**

**General Description:** Clear 2 mil pressure sensitive permanent transfer adhesive on a single white paper liner. Formulated to be used for applications to rubber products. Specifically designed for use with ModelMark™ printable transfercoat.

Thickness:	2 mil. of transfer adhesive (without liners)
Outdoor Life:	1+ years
Shelf Life:	1 years stored at 70° F & 50%RH
Service Temperature Range:	(-40° F to 302° F)
Minimum Application Temp.:	50° F

### **Adhesive Properties:**

High performance pressure sensitive adhesive formulated for bonding to rubber based products such as tires .



**GSP Software Settings:** The diagram above shows you the order in which the layers are assembled in production. Load the ModelMark in the Edge II or Edge FX. ModelMark is rolled "print side out." Try to keep dust off the face of the material. ModelMark is very thin. Therefore keeping tension on the material while printing is recommended. GMS rewinders can automate the process. Print using the setting for Gerber's **2 mil Label Stock**. Use White instead of Flood Coat or Arctic White. **Set your Edge for 600x300 dpi**. Note: You may also choose the label stock pallet in Composer, so you don't have to remember to set it up in plot. Once you have finished printing, laminate with RubberMark adhesive over the printed area. Then move on to cutting.

We highly recommend that you use Omega's back cut feature in Plot. Set the back cut up on a separate layer in Composer (Call it "liner") and make it a bit smaller than the front cut. The cuts do not have to follow the contour of the shapes. Before cutting, go to "Device settings" (F7) in Plot and click on the settings button. Check the box that says "Rules By Layer." Select your back cut layer below the check boxes - (Did you name it "liner?"). Do a test cut (A 45° blade is fine) and adjust the settings until you are cutting through the liner, but not through the adhesive liner. Click on the "Set" button to lock in the settings. Now select the other layer (the front one) and flip the material over in the cutter so you are cutting the adhesive liner, and perform the same cut tests. Lock those settings in. Now go to "File/Back Cut. Select "liner" as the layer to back cut. Click OK. Plot will now send both cuts to the plotter, and a print job to the Edge. If you have already printed, just cancel the print job at the Edge.

### **Recommended Application Techniques:**

When you have finished printing and cutting the job, make sure the surface you are applying to is smooth and clean. When you are ready to apply the ModelMark, you may want to use application tape as a hinge to secure the graphic in the right place. Try not to touch the adhesive side when you peel the liner back. Fingerprints can show. Burnish the graphic down from the hinge side out, being careful not to trap air bubbles. You will get good at it with practice. We recommend letting the adhesive set for an hour or so before trying to remove the liner. If you have to remove it before then, you may want to insert a clean exacto blade between the liner and adhesive and peel it from there. You are trying to break the coating off the liner. Once it separates, it peels very easily. If you need help, please call us at 847-582-9276.

## **CERTIFICATE OF CONFORMANCE (COC)**

<b>Sold to:</b>		<b>Lot No.:</b>	
<b>Buyer:</b>		<b>PO#</b>	<b>Supplier's Authorized Rep.:</b>
<b>Supplier:</b>	Graphic Marking Systems	<b>MFR Part No:</b>	Top of the page
<b>MFR Date:</b>		<b>Ship Date:</b>	<b>Title:</b>
			<b>Date:</b>

### **Disclaimer:**

All of the descriptive information listed above is our recommendation only. This information does not suggest or constitute a written or verbal warranty or guaranty of any kind by the manufacturer or distributor of this product. Although this material can be printed on with some solvent based printers, the surface characteristics of the material can change from roll to roll, and failure of optimal printing results are not a basis for returning the product. Purchasers of this product shall be responsible for independently determining the suitability of the material for the intended application. GMS0814 Graphic Marking Systems

# Material Safety Data Sheet (MSDS)

<b>Material Name: RubberMark Clear Transfer Adhesive</b>				<b>Company:</b>					
<b>Part Nos: TAS2RM1050C</b>				Graphic Marking Systems					
Date Prepared: 8/25/2015				Address: 28457 N. Ballard Rd., Suite A1 Lake Forest, IL 60045					
<b>General Description:</b> Clear pressure sensitive permanent transfer adhesive self-wound on a paper liner.				Phone: 847-582-9276 Fax: 847-582-9282					
<b>Composition and information on ingredients:</b>  Individual components of this product do not contribute to any known hazards.  OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200): NONE						<b>UL Recognized:</b>		<b>NO</b>	
						<b>ROHS Compliant:</b>			
						<b>REACH Compliant:</b>			
<b>Hazards Identification:</b>									
POTENTIAL HEALTH EFFECTS: None									
ACUTE: No significant toxic hazard. When burned may produce toxic fumes.									
CHRONIC: No significant toxic hazard.									
None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.									
<b>First Aid Measures:</b>					<b>Fire Fighting Measures:</b>				
Emergency and First Aid Procedures:					Flash Point: N/A				
<b>ROUTES OF ENTRY:</b>					Method Used: N/A				
Inhalation: N/A Skin: N/A					Auto-ignition Temperature N/A				
Eyes: N/A Ingestion: N/A					Flammable limits in Air % by Volume: LEL: N/A, UEL: N/A				
<b>Accidental Release Measures:</b> N/A					Extinguishing Media: Multi-rated ABC extinguisher or water				
<b>Handling and Storage:</b>					Unusual Fire and Explosion Hazards: None				
No special handling required other than storing away from excessive heat sources.					<b>Special Fire Fighting Procedures:</b> In case of fire, use self-contained breathing apparatus and full protective equipment - all fires liberate toxic gases.				
<b>Exposure Controls and Personal Protection:</b>					<b>Physical and Chemical properties:</b>				
Respiratory Protection: None required					Vapor Pressure (mm Hg) N/A		Boiling Point: N/A		
Skin Protection: No precautions required					Vapor Density (air = 1): N/A		Melting Point: N/A		
Eye Protection: None required					Appearance and odor: N/A		Reactivity of water: N/A		
Exposure Guidelines: None established					Specific Gravity (H 0=1) N/A		Solubility in water: N/A		
Engineering Controls: None required					<b>Stability and Reactivity:</b>				
<b>Toxicological Information:</b>					Stability: N/A				
Carcinogen Status: NTP: NONE IARC: NONE OSHA: NONE					Conditions to avoid: Fire or Excessive Heat				
<b>Ecological Information:</b> No Data Available					Incompatibility: None				
<b>Transport Information:</b>					Hazardous Decomposition Products: None				
TRANSPORTATION AND HAZARDOUS MATERIALS DESCRIPTION: Not a hazardous material for DOT shipping.					Hazardous Polymerization: Will not occur.				
<b>Disposal Considerations:</b> Waste Disposal: Dispose of in accordance with Local, State and Federal regulations.					<b>Regulatory Information:</b>				
<b>Other Information:</b>					<b>OSHA STANDARD CFR 29, PART 1910.1200:</b> This product is considered to be an "article" under this standard.				
The information contained herein is based on the data available to Graphic Marking Systems, and is believed to be correct. However, Graphic Marking Systems makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. Graphic Marking Systems assumes no responsibility for injury from the use of the product described herein.					<b>SARA 313 INFORMATION:</b> This product contains no substances at or above the reporting threshold subject to the reporting requirement of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 371, based on available data.				
					<b>CALIFORNIA PROPOSITION 65:</b> CALIFORNIA PROPOSITION 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. Warning this product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.				