Revision: 08/20/2015 Supersedes Revision: 08/09/2013

1. Product and Company Identification				
Product Code: Product Name: Company Name:	0864 0864 Appli-Tec, Inc 7 Industrial Way Unit 1 Salem, NH 03079	<b>Phone Number:</b> (603)685-0500		
Web site address: Emergency Contact: Information: Intended Use:	www.appli-tec.com Contact medical emergency services Call Chemtrec for Transport Info. Adhesive	(800)424-9300		
	2. Hazards Identification	on		
Skin Corrosion/Irritation Serious Eye Damage/Ey Respiratory Sensitizatio Skin Sensitization, Cate Specific Target Organ T	e Irritation, Category 1 n, Category 1			

GHS Signal Word: GHS Hazard Phrases:	<ul> <li>Danger</li> <li>H315 - Causes skin irritation.</li> <li>H317 - May cause an allergic skin reaction.</li> <li>H318 - Causes serious eye damage.</li> <li>H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.</li> <li>H335 - May cause respiratory irritation.</li> </ul>
GHS Precaution Phrases:	<ul> <li>P261 - Avoid breathing vapors, mist, or spray.</li> <li>P264 - Wash hands thoroughly after handling.</li> <li>P271 - Use only outdoors or in a well-ventilated area.</li> <li>P272 - Contaminated work clothing should not be allowed out of the workplace.</li> <li>P280 - Wear protective gloves/eye protection/face protection.</li> <li>P285 - In case of inadequate ventilation wear respiratory protection.</li> </ul>
GHS Response Phrases:	<ul> <li>P302+352 - IF ON SKIN: Wash with plenty of soap and water.</li> <li>P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes.</li> <li>Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P310 - Immediately call a POISON CENTER or doctor/physician.</li> <li>P333+313 - If skin irritation or rash occurs, seek medical advice/attention.</li> <li>P342+311 - If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.</li> <li>P362 - Take off contaminated clothing and wash before re-use.</li> </ul>
GHS Storage and Disposa Phrases:	<ul> <li>I P403+233 - Store container tightly closed in well-ventilated place.</li> <li>P405 - Store locked up.</li> <li>P501 - Dispose of contents/container according to national and local regulations.</li> </ul>
OSHA Regulatory Status:	This material is classified as hazardous under OSHA regulations.



Page: 2 of 5

Revision: 08/20/2015 Supersedes Revision: 08/09/2013

Potential Health Effects (Acute and Chronic):	
Inhalation:	Harmful if inhaled.
Skin Contact:	Causes skin burns. May cause allergic skin reaction.
Eye Contact:	Causes eye burns. Causes serious eye damage.
Ingestion:	Harmful if swallowed.
Additional Information	No data available.

**3. Composition/Information on Ingredients** 

CAS #	Hazardous Components (Chemical Name)	Concentration
101-68-8	Methylenebis(phenylisocyanate)	5.0 -20.0 %
112945-52-5	Silica, amorphous treated	5.0 -10.0 %
3077-13-2	2-Propanol-1,1'-phenylaminobis	1.0 -9.0 %
39310-05-9	Diisocyanate (homopolymer)	1.0 -5.0 %
26447-40-5	Diphenylmethane diisocyanate	0.1 -5.0 %
78-40-0	Triethyl phosphate	0.1 -1.0 %

#### Additional Information

Exact percentages have been withheld as a trade secret.

4. First Aid Measures			
Emergency and First Aid Procedures:			
In Case of Inhalation:	Remove to fresh air. If not br difficult, give oxygen. Get imr	eathing, give artificial respiration. If breathing is mediate medical attention.	
In Case of Skin Contact:	Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Wash contaminated clothing before reuse.		
In Case of Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention/advice.		
In Case of Ingestion:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical advice/attention.		
Note to Physician:	Treat symptomatically and supportively.		
5. Fire Fighting Measures			
Flash Pt:	> 93.00 C		
Explosive Limits:	LEL: No data.	UEL: No data.	
Autoignition Pt:	No data.		
Suitable Extinguishing Media:	Use water spray, dry chemica	II, carbon dioxide, or appropriate foam.	
Fire Fighting Instructions:	: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.		
Flammable Properties and Hazards:	No data available.		



Revision: 08/20/2015 Supersedes Revision: 08/09/2013

6. Accidental Release Measures						
•	e Taken In Case Released Or	Ensure adequate ventilation. Isolate area and deny entry. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Use proper personal protective equipment as indicated in Section 8. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.				
		7. Ha	ndling and St	orage		
in Handling	Precautions To Be Taken in Handling:Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.Precautions To Be TakenStore at <= -40deg.C.					
	8.	. Exposure C	ontrols/Perso	nal Protection		
CAS #	Partial Chemical	Name	OSHA TWA	ACGIH TWA	Other Limits	
101-68-8	Methylenebis(phe	nylisocyanate)	CEIL: 0.02 ppm	TLV: 0.005 ppm	No data.	
112945-52-5	Silica, amorphous	treated	No data.	No data.	No data.	
3077-13-2	2-Propanol-1,1'-pl	henylaminobis	No data.	No data.	No data.	
39310-05-9	Diisocyanate (hon	nopolymer)	No data.	No data.	No data.	
26447-40-5	Diphenylmethane	diisocyanate	No data.	No data.	No data.	
78-40-0 Triethyl phosphate		e	No data.	No data.	No data.	
(Specify Ty) Eye Protect Protective ( Other Prote Engineering (Ventilation	ion: Gloves: ctive Clothing: g Controls etc.): nic/Maintenanc	exposure limits an Safety glasses. Wear appropriate Wear appropriate Use adequate ve or utilizing this ma shower. Handle in accorda	re exceeded or if in protective gloves protective clothing ntilation to keep ai aterial should be e	Standard EN 149 approver rritation or other sympton to prevent skin exposure g to prevent skin exposu rborne concentrations lo quipped with an eyewas dustrial hygiene and safe I of workday.	ns are experienced. e. re. w. Facilities storing h facility and a safety	
		9. Physical	and Chemica	I Properties		
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Explosive L Vapor Press mm Hg):		LEL: No data. No data.		UEL: No data.		

APPLI	I-TEC
ADVANCED THERM	OSET SOLUTIONS

26447-40-5

Diphenylmethane diisocyanate

# SAFETY DATA SHEET 0864

Revision: 08/20/2015 Supersedes Revision: 08/09/2013

Conditions To Avoid - nstability: use. ncompatibility - Materials Strong bases, Alcohols, Oxidizing materials. To Avoid: Hazardous Decomposition Carbon oxides, nitrogen oxides (NOx). Or Byproducts: Possibility of Hazardous Will occur [ ] Will not occur [X] Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Hazardous Reactions: Conditions To Avoid - No data available. Conditions To Avoid - Observe all federal, state, and local environmental regulations. Conditions To Avoid - Observe all federal, state, and local environmental regulations. Conditions Conditions Conditions To Avoid - Not Regulate					Supers	edes Revision: 08/09/2013	
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EPA SARA (Superfund Amendments and Reauthorization Act of 1986) ListsCAS #Hazardous Components (Chemical Name)S. 302 (EHS)S. 304 RQS. 313 (TRI)101-68-8Methylenebis(phenylisocyanate)NoYes 5000 LBYes-Cat. N120112945-52-5Silica, amorphous treatedNoNoNo3077-13-22-Propanol-1,1'-phenylaminobisNoNoNo		Shipping	Not Regulated.				
CAS # 101-68-8Hazardous Components (Chemical Name) Methylenebis(phenylisocyanate)S. 302 (EHS) NoS. 304 RQ Yes 5000 LBS. 313 (TRI) Yes-Cat. N120112945-52-5Silica, amorphous treatedNoNoNo3077-13-22-Propanol-1,1'-phenylaminobisNoNoNo			15. Regulator	y Informatio	n		
101-68-8Methylenebis(phenylisocyanate)NoYes 5000 LBYes-Cat. N120112945-52-5Silica, amorphous treatedNoNoNo3077-13-22-Propanol-1,1'-phenylaminobisNoNoNo	• •			•			
112945-52-5Silica, amorphous treatedNoNoNo3077-13-22-Propanol-1,1'-phenylaminobisNoNoNo			• • • •			• •	
3077-13-2 2-Propanol-1,1'-phenylaminobis No No No							
393 IU-UD-9     Dilisocyanate (nomopolymer)     NO     NO			-				
	39310-05-9 D	iisocyanate (hoi	nopolymer)		NO NE		

No

No

Yes-Cat. N106



Advanced Thermoset Solutions		0004		Revision: 08/20/2015
				Supersedes Revision: 08/09/2013
78-40-0	Triethyl phosphate	No	No	No
CAS #	Hazardous Components (Chemical Name)	Other US E	PA or State Lists	
101-68-8	Methylenebis(phenylisocyanate)	TSCA: Yes	- Inventory, 8C	
112945-52-5	Silica, amorphous treated	TSCA: Yes	- Inventory	
3077-13-2	2-Propanol-1,1'-phenylaminobis	TSCA: Yes	- Inventory	
39310-05-9	Diisocyanate (homopolymer)	TSCA: Yes	- Inventory	
26447-40-5	Diphenylmethane diisocyanate	TSCA: Yes	- Inventory, 8C	
78-40-0	Triethyl phosphate	TSCA: Yes	- Inventory, 8A PAI	R, 8C, 8D TERM

### 16. Other Information

Additional Information About This Product:	
Company Policy or Disclaimer:	

**Revision Date:** 

No data available.

08/20/2015

The information on this data sheet represents our current and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or the applicable technical bulletin, or which involves using the product in combination with any other product or any other process is the responsibility of the user.