

# PRAXAIR - HEAT STICKS -

HAZARDOUS SAFETY DATA SHEET SUPPLEMENT FOR TEMPLSTICKS\*

9801

Temperature Rating	Hazardous Ingredients	Effects of Ingestion or Ingestion	Emergency Procedure	Temperature Rating	Hazardous Ingredients	Effects of Ingestion or Overexposure	First Aid
100°F/38°C	None	Not Applicable	Not Applicable	319°F/159°C	80-90X Aromatic Amide, CAS #: 93-98-1	Ingestion may cause symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.
103°F/39°C	None	Not Applicable	Not Applicable				
109°F/41°C	None	Not Applicable	Not Applicable				
103°F/43°C	None	Not Applicable	Not Applicable	335°F/163°C	None	Not Applicable	Not Applicable
113°F/45°C	None	Not Applicable	Not Applicable	331°F/166°C	None	Not Applicable	Not Applicable
119°F/48°C	None	Not Applicable	Not Applicable	318°F/170°C	None	Not Applicable	Not Applicable
125°F/52°C	None	Not Applicable	Not Applicable				
131°F/55°C	None	Not Applicable	Not Applicable	364°F/173°C	90X 1,3-Di-o-tolyl Guanidine, CAS #: 97-39-2 LD50: .1-.5 grams/Kg.	May cause nausea, diarrhea and neurological disturbances.	Obtain immediate medical attention.
134°F/59°C	None	Not Applicable	Not Applicable				
144°F/62°C	None	Not Applicable	Not Applicable	350°F/177°C	None	Not Applicable	Not Applicable
150°F/66°C	None	Not Applicable	Not Applicable	363°F/184°C	None	Not Applicable	Not Applicable
156°F/69°C	None	Not Applicable	Not Applicable	335°F/191°C	80-90X Aromatic Amide, CAS #: 62-53-3	Ingestion may cause symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.
163°F/73°C	None	Not Applicable	Not Applicable				
169°F/76°C	None	Not Applicable	Not Applicable	388°F/198°C	80-90X Aromatic Amide, CAS #: 62-53-3	Ingestion may cause symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.
175°F/79°C	None	Not Applicable	Not Applicable				
182°F/83°C	None	Not Applicable	Not Applicable				
189°F/87°C	None	Not Applicable	Not Applicable				
194°F/90°C	None	Not Applicable	Not Applicable	400°F/204°C	None	Not Applicable	Not Applicable
200°F/93°C	None	Not Applicable	Not Applicable	413°F/212°C	20X Aromatic Amide, CAS #: 62-53-3	Ingestion may cause symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.
205°F/97°C	None	Not Applicable	Not Applicable				
213°F/101°C	None	Not Applicable	Not Applicable				
219°F/104°C	None	Not Applicable	Not Applicable	425°F/218°C	None	Not Applicable	Not Applicable
225°F/107°C	None	Not Applicable	Not Applicable				
231°F/111°C	80-100X Acetanilide, CAS #: 103-86-4 LDL0: 59mg/Kg. LD50: 800mg/Kg.	Cyanosis, anemia	Obtain immediate medical attention.	438°F/226°C	None	Not Applicable	Not Applicable
238°F/114°C	None	Not Applicable	Not Applicable				
244°F/118°C	None	Not Applicable	Not Applicable				
250°F/121°C	None	Not Applicable	Not Applicable	450°F/232°C	80-90X Aromatic Amide, CAS #: 62-53-3	Ingestion may cause symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.
256°F/124°C	None	Not Applicable	Not Applicable				
263°F/128°C	None	Not Applicable	Not Applicable				
269°F/132°C	90X Aromatic Amide, CAS #: 87-17-2, LD50: 5-.9 Grams/Kg.	Not highly toxic. Ingestion may result in symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.	463°F/239°C	80-90X Aromatic Amide, CAS #: 62-53-3	Ingestion may cause symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.
273°F/135°C	None	Not Applicable	Not Applicable	475°F/246°C	80-90X Phenolphthalein, CAS #: 77-09-8, LDL0: .5 gr/Kg.	Excessive Catharsis	Obtain immediate medical attention.
282°F/139°C	None	Not Applicable	Not Applicable				
288°F/142°C	None	Not Applicable	Not Applicable	488°F/233°C	80-90X Phenolphthalein, CAS #: 77-09-8, LDL0: .5 gr/Kg.	Excessive Catharsis	Obtain immediate medical attention.
294°F/146°C	None	Not Applicable	Not Applicable				
300°F/149°C	None	Not Applicable	Not Applicable	500°F/260°C	80-90X Phenolphthalein, CAS #: 77-09-8, LDL0: .5 gr/Kg.	Excessive Catharsis	Obtain immediate medical attention.
306°F/152°C	None	Not Applicable	Not Applicable				
313°F/156°C	80-90X Aromatic Amide, CAS #: 93-98-1	Ingestion may cause symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.	525°F/274°C	None	Not Applicable	Not Applicable
				550°F/288°C	None	Not Applicable	Not Applicable
				575°F/302°C	None	Not Applicable	Not Applicable
				600°F/316°C	None	Not Applicable	Not Applicable

Stability	Stable	<input checked="" type="checkbox"/>	Conditions to avoid:
	Unstable	<input type="checkbox"/>	

Incompatibility (Materials to Avoid)

Hazardous decomposition products:

Hazardous Polymerization:	May occur	<input type="checkbox"/>	Conditions to avoid:
	Will not occur	<input checked="" type="checkbox"/>	

SPILLS, LEAKS: (Steps to be taken) Not Applicable

WASTE DISPOSAL METHOD: Standard. Observe all Federal, State and local laws concerning health and environment.

Respiratory protection (Specify Type)

Ventilation:	Local Exhaust	<input checked="" type="checkbox"/>	Special
	Mechanical (General)	<input type="checkbox"/>	Other

Protective gloves: Should be worn

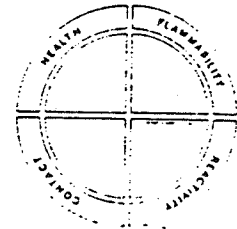
Eye Protection: Safety glasses

Other protective equipment and precautions

Storage & Handling Information

Observe good hygienic practices. Avoid contact with eyes, skin and clothing. Use with adequate ventilation.

Other Precautions



Hazard Identity

DOT Class

Judgements as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, \_\_\_\_\_ extends no warranties, makes no representations and assumes no responsibility as to accuracy or suitability of such information for application to purchaser's intended purposes or for consequences of its use.

Signed

Title

*Elias Kinnel*  
*Tech Director*

Stability	Stable	<input checked="" type="checkbox"/>	Conditions to avoid:
	Unstable	<input type="checkbox"/>	

compatibility (Materials to Avoid)

Hazardous decomposition products:

Hazardous Polymerization:	May occur	<input type="checkbox"/>	Conditions to avoid:
	Will not occur	<input checked="" type="checkbox"/>	

**SECTION 7: SPILLS, LEAKS, AND PROCEDURES**

SPILLS, LEAKS: (Steps to be taken) Not Applicable

WASTE DISPOSAL METHOD: Standard. Observe all Federal, State and local laws concerning health and environment.

Respiratory protection (Specify Type)

Ventilation:	Local Exhaust	<input checked="" type="checkbox"/>	Special
	Mechanical (General)	<input type="checkbox"/>	Other

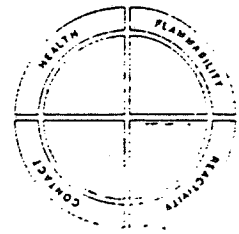
protective gloves: Should be worn      Eye Protection: Safety glasses

Other protective equipment and precautions

**SECTION 8: STORAGE AND HANDLING INFORMATION**

Storage & Handling Information  
 Observe good hygienic practices. Avoid contact with eyes, skin and clothing.  
 Use with adequate ventilation.

Other Precautions



DOT Class

Hazard Identity

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Signed *Elis Kessel*  
 Title *Tech Director*