

MATERIAL SAFETY DATA SHEET

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 EMERGENCY NO.

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SECTION I. MATERIAL IDENTIFICATION

CHEMICAL NAME AND SYNONYMS: TRADE NAME AND SYNONYMS: Tempilstik^o

CHEMICAL FAMILY: FORMULA:

SECTION II. INGREDIENTS AND HAZARDS

	%	Hazard Data		%	Hazard Data
See section V and attached supplement for effects of ingestion. Tempilstiks ^o contain no lead, mercury or carcinogens listed in the Code of Federal Regulations 29CFR.					

SECTION III. PHYSICAL DATA

Boiling point at 1 atm, deg F: Specific gravity (H₂O = 1)
 Vapor pressure at (mm Hg): Evap. Rate (_____ = 1)
 Vapor density (Air = 1): Volatiles, % by Volume
 Water solubility: Molecular weight

Appearance & Odor: Crayon-like material.

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point and Method	Autoignition Temp.	Flammability Limits In Air	LOWER	UPPER
Extinguishing media: Not Applicable				
Special fire fighting procedures: Not Applicable				
Unusual fire and explosion hazards: Not Applicable				

SECTION V. HEALTH HAZARD INFORMATION

TLV See attached supplement for specific rating

Effects of overexposure: Non-hazardous when used as directed. See attached supplement for effects of ingestion.

FIRST AID: See attached supplement.

Eye contact:

Skin contact:

Inhalation:

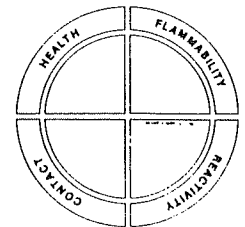
Ingestion:

SECTION VI. REACTIVITY DATA			
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"/>	

SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES	
SPILLS, LEAKS: (Steps to be taken)	Not Applicable
WASTE DISPOSAL METHOD: Standard. Observe all Federal, State and local laws concerning health and environment.	

SECTION VIII. SPECIAL PROTECTION INFORMATION			
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 IX. SPECIAL PRECAUTIONS AND COMMENTS	
Storage & Handling Information	Observe good hygienic practices. Avoid contact with eyes, skin and clothing. Use with adequate ventilation.
Other Precautions	
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.

MATERIAL SAFETY DATA SHEET SUPPLEMENT FOR TEMPLISTIK®

Temperature Rating	Hazardous Ingredients	Effects of Ingestion or Overexposure	Emergency Procedure	Temperature Rating	Hazardous Ingredients	Effects of Ingestion or Overexposure	Emergency Procedure
100°F/38°C	None	Not Applicable	Not Applicable	319°F/159°C	80-90% 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	325°F/163°C	None	Not Applicable	Not Applicable
106°F/41°C	None	Not Applicable	Not Applicable	331°F/166°C	None	Not Applicable	Not Applicable
109°F/43°C	None	Not Applicable	Not Applicable	338°F/170°C	None	Not Applicable	Not Applicable
113°F/45°C	None	Not Applicable	Not Applicable	344°F/173°C	90% 1,3-Di- <i>o</i> -tolyl Guanidine, CAS #: 97-39-2 LD50: .1-.5 grams/Kg.	May cause nausea, diarrhea and neurological disturbances.	Obtain immediate medical attention.
119°F/48°C	None	Not Applicable	Not Applicable	350°F/177°C	None	Not Applicable	Not Applicable
125°F/52°C	None	Not Applicable	Not Applicable	363°F/184°C	None	Not Applicable	Not Applicable
131°F/55°C	None	Not Applicable	Not Applicable	375°F/191°C	80-90% Aromatic Amide, CAS #: 62-53-3	Ingestion may cause symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.
138°F/59°C	None	Not Applicable	Not Applicable	388°F/198°C	80-90% Aromatic Amide, CAS #: 62-53-3	Ingestion may cause symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.
144°F/62°C	None	Not Applicable	Not Applicable	400°F/204°C	None	Not Applicable	Not Applicable
150°F/65°C	None	Not Applicable	Not Applicable	413°F/212°C	20% Aromatic Amide, CAS #: 62-53-3	Ingestion may cause symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.
156°F/69°C	None	Not Applicable	Not Applicable	425°F/218°C	None	Not Applicable	Not Applicable
163°F/73°C	None	Not Applicable	Not Applicable	438°F/226°C	None	Not Applicable	Not Applicable
169°F/76°C	None	Not Applicable	Not Applicable	450°F/232°C	80-90% 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	459°F/237°C	80-90% Aromatic Amide, CAS #: 62-53-3	Ingestion may cause symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.
182°F/83°C	None	Not Applicable	Not Applicable	463°F/239°C	80-90% Aromatic Amide, CAS #: 62-53-3	Ingestion may cause symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.
188°F/87°C	None	Not Applicable	Not Applicable	475°F/246°C	80-90% Phenolphthalein, CAS #: 77-09-8, LDLO: .5 gr/Kg.	Excessive Catharsis	Obtain immediate medical attention.
194°F/90°C	None	Not Applicable	Not Applicable	488°F/253°C	80-90% Phenolphthalein, CAS #: 77-09-8, LDLO: .5 gr/Kg.	Excessive Catharsis	Obtain immediate medical attention.
200°F/93°C	None	Not Applicable	Not Applicable	500°F/260°C	80-90% Phenolphthalein, CAS #: 77-09-8, LDLO: .5 gr/Kg.	Excessive Catharsis	Obtain immediate medical attention.
205°F/97°C	None	Not Applicable	Not Applicable	505°F/274°C	None	Not Applicable	Not Applicable
213°F/101°C	None	Not Applicable	Not Applicable	500°F/260°C	None	Not Applicable	Not Applicable
219°F/104°C	None	Not Applicable	Not Applicable	550°F/288°C	None	Not Applicable	Not Applicable
225°F/107°C	80-100% Acetanilide, CAS #: 103-84-4 LDLO: 59mg/Kg. LD50: 800mg/Kg.	Cyanosis, anemia	Obtain immediate medical attention.	575°F/302°C	None	Not Applicable	Not Applicable
231°F/111°C	80-100% Acetanilide, CAS #: 103-84-4 LDLO: 59mg/Kg. LD50: 800mg/Kg.	Cyanosis, anemia	Obtain immediate medical attention.	600°F/316°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				
256°F/124°C	None	Not Applicable	Not Applicable				
263°F/128°C	None	Not Applicable	Not Applicable				
269°F/132°C	90% 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.				
275°F/135°C	None	Not Applicable	Not Applicable				
282°F/139°C	None	Not Applicable	Not Applicable				
289°F/142°C	None	Not Applicable	Not Applicable				
294°F/146°C	None	Not Applicable	Not Applicable				
300°F/149°C	None	Not Applicable	Not Applicable				
306°F/152°C	None	Not Applicable	Not Applicable				
313°F/156°C	50% of Aromatic Amide, CAS #: 11-98-1	Ingestion may cause symptoms of aniline ingestion, anoxemia and depression of CNS.	Obtain immediate medical attention.				

MATERIAL SAFETY DATA SHEET SUPPLEMENT FOR EMPLUSTIKS®

November 24, 1985

Temperature Rating	Hazardous Ingredients	Effects of Ingestion or Overexposure	Emergency Procedure	Temperature Rating	Hazardous Ingredients	Effects of Ingestion or Overexposure	Emergency Procedure
625°F/329°C	None	Not Applicable	Not Applicable	1380°F/800°C	None	Not Applicable	Not Applicable
650°F/343°C	None	Not Applicable	Not Applicable	1500°F/816°C	None	Not Applicable	Not Applicable
675°F/357°C	80-90% Alkali Chromates, CAS #'s: 7778-50-9 and 10588-01-9	May cause irritation or skin ulcers. Ingestion harmful to gastrointestinal tract, kidneys and liver.	Skin and eyes: Flush with plenty of water. Obtain immediate medical attention.	1550°F/843°C	None	Not Applicable	Not Applicable
700°F/371°C	80-90% Alkali Chromates, CAS #'s: 7778-50-9 and 10588-01-9	May cause irritation or skin ulcers. Ingestion harmful to gastrointestinal tract, kidneys and liver.	Skin and eyes: Flush with plenty of water. Obtain immediate medical attention.	1600°F/871°C	None	Not Applicable	Not Applicable
725°F/385°C	80-90% Alkali Chromates, CAS #'s: 7778-50-9 and 10588-01-9	May cause irritation or skin ulcers. Ingestion harmful to gastrointestinal tract, kidneys and liver.	Skin and eyes: Flush with plenty of water. Obtain immediate medical attention.	1650°F/899°C	None	Not Applicable	Not Applicable
750°F/399°C	80-90% Alkali Chromates, CAS #'s: 7778-50-9 and 10588-01-9	May cause irritation or skin ulcers. Ingestion harmful to gastrointestinal tract, kidneys and liver.	Skin and eyes: Flush with plenty of water. Obtain immediate medical attention.	1700°F/927°C	None	Not Applicable	Not Applicable
800°F/427°C	None	Not Applicable	Not Applicable	1750°F/954°C	None	Not Applicable	Not Applicable
850°F/454°C	10-40% Lithium Compound CAS #: 13568-40-6	CNS Toxicity. May cause dizziness, nausea, kidney damage.	Obtain immediate medical attention.	1800°F/982°C	None	Not Applicable	Not Applicable
900°F/482°C	30-40% Lithium Compound CAS #: 13568-45-1	CNS Toxicity. May cause dizziness, nausea, kidney damage.	Obtain immediate medical attention.	1850°F/1010°C	None	Not Applicable	Not Applicable
932°F/500°C	None	Not Applicable	Not Applicable	1900°F/1038°C	None	Not Applicable	Not Applicable
950°F/510°C	None	Not Applicable	Not Applicable	1950°F/1066°C	None	Not Applicable	Not Applicable
977°F/525°C	None	Not Applicable	Not Applicable	2000°F/1093°C	None	Not Applicable	Not Applicable
1000°F/538°C	5% Alkali Chromate CAS #: 7789-00-6	May cause irritation or skin ulcers. Ingestion harmful to gastrointestinal tract, kidneys and liver.	Flush skin and eyes with plenty of water. Obtain immediate medical attention.	2050°F/1121°C	None	Not Applicable	Not Applicable
1022°F/550°C	None	Not Applicable	Not Applicable	2100°F/1149°C	None	Not Applicable	Not Applicable
1050°F/566°C	None	Not Applicable	Not Applicable	2150°F/1177°C	None	Not Applicable	Not Applicable
1100°F/593°C	None	Not Applicable	Not Applicable	2200°F/1204°C	None	Not Applicable	Not Applicable
1150°F/621°C	None	Not Applicable	Not Applicable	2250°F/1232°C	None	Not Applicable	Not Applicable
1200°F/649°C	None	Not Applicable	Not Applicable	2300°F/1260°C	None	Not Applicable	Not Applicable
1250°F/677°C	None	Not Applicable	Not Applicable	2350°F/1288°C	None	Not Applicable	Not Applicable
1300°F/704°C	80-90% Lithium Compound CAS #: 13568-40-6	CNS toxicity. May cause dizziness, nausea, kidney damage.	Obtain immediate medical attention.	2400°F/1316°C	None	Not Applicable	Not Applicable
1350°F/732°C	80-90% Lithium Compound CAS #: 13568-45-1	CNS toxicity. May cause dizziness, nausea, kidney damage.	Obtain immediate medical attention.	2450°F/1343°C	None	Not Applicable	Not Applicable
1400°F/760°C	None	Not Applicable	Not Applicable	2500°F/1371°C	None	Not Applicable	Not Applicable
1425°F/774°C	None	Not Applicable	Not Applicable				
1450°F/788°C	None	Not Applicable	Not Applicable				