


Section 1 Chemical Product and Company Identification			
Product Name	Therm-Chek® RC 289L		
Manufacturer	Ferro Corporation, Polymer Additives Division Walton Hills Operation 7050 Krick Road Walton Hills, Ohio 44146-4494 USA	<u>Emergency Phone Numbers</u>	
Chemical Name	Zinc Complex Mixture	CHEMTREC:	1-800-424-9300
Chemical Family	Polymer Additive	24 Hour Information:	1-216-641-5324
Synonym	Not available.	Plant-Week Days Only:	1-216-750-6708
CAS#	Mixture	Issued on 3/11/2003.	
Section 2 Composition and Information on Ingredients			
INGREDIENTS	CAS #	% Weight	OSHA (PEL) ACGIH (TLV)
1) Zinc compounds (as Zn)		<1	Not available.
The specific chemical identities are being withheld as a trade secret (29CFR1910.1200).			
Section 3 Hazards Identification			
<u>Emergency Overview</u>	Color :	Amber.	NFPA 
CAUTION!	Physical state :	Liquid. (Clear)	
	Odor :	Pungent.	
MAY CAUSE EYE AND SKIN IRRITATION.			
<u>Potential Health Effects</u>			
Acute	This product may irritate eyes and skin upon contact. Avoid breathing vapor or mist.		
Chronic	There is no known effect from chronic exposure to this product.		
Section 4 First Aid Measures			
Eye	Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation persists, seek medical attention.		
Skin	Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.		
Inhalation	Allow the victim to rest in a well ventilated area. Oxygen may be administered if breathing is difficult. Seek medical attention.		
Ingestion	Do not induce vomiting. Seek immediate medical attention.		
Section 5 Fire and Explosion Data			
Flash Point	CLOSED CUP: 136°C (276.8°F). (Pensky-Martens.)		
Flammability	Non-flammable.		
Fire Fighting Media and Instructions	Use DRY chemicals, CO2, water spray or foam. Fire fighters should wear proper protective equipment. A self contained breathing apparatus should be used to avoid inhalation of the product.		
Combustion Products	Some metallic oxides (Zn), carbon oxides (CO, CO2).		
Fire Hazards	When heated it emits toxics fumes (Zinc oxide).		

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Section 6 Accidental Release Measures			
Small Spill	Absorb with an inert material and place in an appropriate waste disposal container.		
Large Spill	Wear suitable protective clothing, gloves and eye/face protection. Prevent entry into sewers, basements or confined areas. Absorb with DRY earth, sand or other non-combustible material. Recycle to process, if possible.		
Personal Protection			
Small Spill	Safety glasses. Gloves.		
Large Spill	Splash goggles. Full suit. Boots. Gloves. Wear appropriate respirator when ventilation is inadequate.		
Section 7 Handling and Storage			
Precaution	Wear suitable gloves and eye/face protection. Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or spray mists.		
Storage	Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Store away from incompatible materials.		
Section 8 Exposure Controls/Personal Protection			
Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.		
Personal Protection	Safety glasses. Gloves.		
Exposure Limits	See Section 2		
Section 9 Physical and Chemical Properties			
Physical state	Liquid. (Clear)	Odor	Pungent.
pH (1% soln/water)	Not applicable.	Color	Amber.
Boiling Point	Not available.	Specific Gravity	0.96 (Water = 1)
Vapor Pressure	Not available.	Vapor Density	Not available.
Volatility	Not available.	Viscosity	Not available.
Evaporation rate	<1 compared to Butyl acetate.	Solubility	Insoluble in cold water, hot water.
Section 10 Stability and Reactivity Data			
Instability	The product is stable.	Will material polymerize?	Will not occur.
Incompatibles	May react or be incompatible with oxidizing materials. May react or be incompatible with acids.		
Corrosivity	Not considered to be corrosive for metals and glass.		
Section 11 Toxicological Information			
Routes of Entry	Skin contact. Eye contact.		
Toxicity to Animals	No toxicological information is available on the product. Data obtained on components are summarized below.		
Acute Effects	This product may irritate eyes and skin upon contact. Avoid breathing vapor or mist.		
Chronic Effects	There is no known effect from chronic exposure to this product.		
Section 12 Ecological Information			
Ecotoxicity	Not available.		
Biodegradation	Not available.		

Section 13 Disposal Considerations

Waste Disposal Recycle, if possible. Dispose of according to all federal, state and local applicable regulations. This product is a nonhazardous waste when disposed of, as defined in Resource Conservation Recovery Act (RCRA) regulations (40 CFR 261).

Section 14 Transport Information

DOT Classification Not a DOT controlled material (United States).
Reportable Quantity CERCLA: Hazardous substances:: No products were found.
Marine Pollutant Not applicable.
Special Provisions for Transport No additional remark.

Canada TDG Classification Not controlled under TDG (Canada).
WHMIS CLASS D-2B: Material causing other toxic effects (TOXIC).

Section 15 Other Regulatory Information

State Regulations New Jersey: No products were found.
Pennsylvania RTK: No products were found.
California Prop. 65:: No products were found.

Reportable Quantity CERCLA: Hazardous substances:: No products were found.

SARA 313 SARA 313 toxic chemical notification and release reporting: Zinc Compound 5.5%

HMIS (U.S.A.)

Health Hazard	1	Fire Hazard	0	Reactivity	0	Personal Protection	B
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TSCA 8(b) inventory All the ingredients are on the TSCA list.
CEPA All the ingredients are on the DSL list.
EINECS Status All the ingredients are on the EINECS list.

Section 16 Other Information

Issued on 3/11/2003.

M_U WH Therm-Chek ®

Notice to Reader

The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.

Instructions to the customer/purchaser.

This MSDS contains important environmental, safety and health information for your employees who will be using this product. Please give this information to them. If you resell this product, give a copy of this MSDS to the buyer.