

Revision Date 11-May-2010

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product code** P12991  
**Product name** CERT PMC SUPERQUICKSET 4 OZ TUBE  
**Recommended Use** Repair Material

**Supplier** Cronatron Welding Systems  
A Lawson Products Company  
1666 East Touhy Avenue  
Des Plaines, IL 60018  
(847) 827-9666

**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION



### **WARNING!**

Breathing fumes or gases generated by welding products may be dangerous and injurious to your health. Exposure to welding related processes, materials, fumes or gases might be linked to certain neurological and physical disorders and cancer. Protect yourself and others at all times. A NIOSH approved, proper fitting and well-maintained respirator should be worn at all times while using this product. Keep your head out of the fumes and gases. Use adequate ventilation and/or exhaust to keep fumes and gases from your breathing zone and the general area. Keep others without proper respiratory protection away from the fumes and gases and your work zone while using this product.

Before using this product, read and understand the manufacturer's and Cronatron's instructions, your employer's workplace safety practices and Material Safety Data Sheets (MSDS). Follow all applicable OSHA or WHMIS standards.

**Aggravated Medical Conditions** None Known

**Principal Routes of Exposure** No information available.

**Potential health effects**

<b>Eyes</b>	Contact with eyes may cause irritation.
<b>Skin</b>	Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.
<b>Inhalation</b>	No adverse affects expected.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Chemical Name</b>	<b>CAS-No</b>	<b>Weight %</b>
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	0.1-1
Bisphenol A - Epichlorohydrin polymer	25068-38-6	10-30
Magnesium Silicate Hydrate	14807-96-6	30-40

**4. FIRST AID MEASURES**

<b>Eye contact</b>	Flush with plenty of water for at least 15 minutes. Seek medical attention.
<b>Skin contact</b>	Wash area thoroughly with soap and water. Seek medical attention if irritation persists.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Seek medical attention.
<b>Inhalation</b>	Move to fresh air. Seek medical attention if irritation persists.

**5. FIRE FIGHTING MEASURES**

<b>Flash point °C</b>	> 93
<b>Flash point °F</b>	> 200
<b>Method</b>	No information available

<b>Autoignition temperature °C</b>	No data available
<b>Autoignition temperature °F</b>	No data available

**Flammability Limits (% in Air)**

<b>Upper</b>	Not Applicable
<b>Lower</b>	Not Applicable

**Suitable extinguishing media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Special protective equipment for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Fire and Explosion Hazards**

Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing.

**Sensitivity to shock**

No information available.

**Sensitivity to static discharge**

No information available.

**6. ACCIDENTAL RELEASE MEASURES**

**Methods for cleaning up**

Collect and contain for disposal.

**7. HANDLING AND STORAGE**

**Handling**

Handle in accordance with good industrial hygiene and safety practice.

**Storage**

Keep in a dry, cool and well-ventilated place. Store in temperatures below 90 degrees F.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Magnesium Silicate Hydrate	-	-	2 mg/m <sup>3</sup>	-
Bisphenol A - Epichlorohydrin polymer	-	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-	-

### **Ventilation and Environmental Controls**

Local exhaust: only if heated above 100 degrees F. General: not required.

### **Hygiene measures**

Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

### **Personal protective equipment**

#### **Respiratory protection**

Wear a NIOSH approved respirator with chemical/mechanical filters for chemicals listed in Section 3 when ventilation is restricted.

#### **Hand Protection**

Rubber gloves.

#### **Eye protection**

Safety glasses. Goggles.

#### **Skin and body protection**

None necessary under normal conditions

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Solid	<b>Color</b>	White / Bronze
<b>Odor</b>	Sulphurous	<b>Odor Threshold</b>	No information available
<b>pH</b>	No data available	<b>Specific Gravity</b>	No data available
<b>Vapor pressure</b>	No data available	<b>Vapor density</b>	No data available
<b>Evaporation Rate</b>	No data available	<b>Water solubility</b>	Insoluble in water
<b>Partition Coefficient (n-octanol/water)</b>	No data available		
		<b>Boiling point/range °C</b>	No data available
<b>Boiling point/range °F</b>	No data available	<b>Melting point/range °C</b>	No data available
<b>Melting point/range °F</b>	No data available	<b>Flash point °C</b>	> 93
<b>Flash point °F</b>	> 200		

## 10. STABILITY AND REACTIVITY

**Stability**

Stable.

**Conditions to avoid**

No information available

**Incompatibility**

No information available

**Hazardous Decomposition Products**

Aldehydes. Nitrogen oxides (NOx). Carbon oxides. Sulfur oxides. Acidic compounds.

**Polymerization**

Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

**Component Information**

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)
<i>Magnesium Silicate Hydrate</i> 14807-96-6	-	-	-
<i>Bisphenol A - Epichlorohydrin polymer</i> 25068-38-6	11400 mg/kg	-	-
<i>2,4,6-Tri(dimethylaminomethyl)phenol</i> 90-72-2	1000 mg/kg	1280 mg/kg	-

**Synergistic Products**

None known

**Potential health effects****Sensitization**

None known

**Chronic toxicity**

None known

**Mutagenic effects**

None known

**Teratogenic effects**

None known

**Reproductive toxicity**

None known

**Target Organ Effects**

See Section 2

**Carcinogenic effects**

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Magnesium Silicate Hydrate	Listed	Not Listed	Not Listed	Not Listed	Not Listed

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Bisphenol A - Epichlorohydrin polymer	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Tri(dimethylaminomethyl)phenol	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

## 12. ECOLOGICAL INFORMATION

No Information Available

## 13. DISPOSAL CONSIDERATIONS

### Disposal Information

Cured product is not a hazardous waste. Carefully follow label instructions for disposal .

### Waste from residues / unused products

Can be landfilled or incinerated, when in compliance with local regulations. Do not reuse container.

## 14. TRANSPORT INFORMATION

### DOT

Not Regulated

### TDG

Not Regulated

### IMDG/IMO

Not Regulated

### IATA

Not Regulated

### MEX

Not Regulated

## 15. REGULATORY INFORMATION

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Magnesium Silicate Hydrate	Not Listed	Listed	Not Listed

### 15. REGULATORY INFORMATION

Bisphenol A - Epichlorohydrin polymer	Not Listed	Not Listed	Not Listed
2,4,6-Tri(dimethylaminomethyl)phenol	Not Listed	Not Listed	Not Listed

Chemical Name	EINECS	DSL	NDSL	TSCA
Magnesium Silicate Hydrate	X	X	-	X
Bisphenol A - Epichlorohydrin polymer	-	X	-	X
2,4,6-Tri(dimethylaminomethyl)phenol	X	X	-	X

**CPR**

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

### 16. OTHER INFORMATION

NFPA		HMIS	
Health	1	Health	1
Flammability	1	Flammability	1
Reactivity	0	Physical Hazard	0

**Prepared By**

Michael Katz, Regulatory Affairs Specialist

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.