

## Material Safety Data Sheet

### 1. Identification of The Substance / Preparation and Company.

**Product Information:** XTM70 Performance Thermal Paste Kit

**Product Number:** CT-9010010-WW

**Manufacturer/Supplier:** CORSAIR Memory, Inc.

**Address:** 115 N. McCarthy Blvd., Milpitas, CA 95035

**TEL:** +1 888-222-4346



**Emergency Phone:**

Authorized representative in EU/UK:

Corsair Memory, BV Wormerweg 8, 1311 XB, Almere, Netherlands

Corsair Components Limited, 1020 Eskdale Road, Winnersh Triangle, Wokingham,  
RG415TS

### 2. Hazard Identification:

Major Hazard Effect	Hazard warnings for Health: This substance may cause serious eye irritation. 
	Hazard warnings for Environment: Warning 
	Physical and Chemical Dangerous: NO
	Special Harm: NO
Major State	NO
Hazard classification	<ul style="list-style-type: none"> <li>• Classification according to Regulation (EC)No 1272/2008</li> <li>• Acute aquatic toxicity (Category 1), H400</li> <li>• Chronic aquatic toxicity (Category 1), H410</li> <li>• For the full text of the H-Statements mentioned in this Section, see Section 16</li> </ul>
Precautionary Statement	<ul style="list-style-type: none"> <li>• P262 Do not get in eyes, on skin or on clothing</li> <li>• P370+P260 In case of fire and/or explosion do not breathe fumes</li> <li>• P305+P351 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>• P302+P352 If on skin: Wash with plenty of soap and water.</li> <li>• P273 Avoid release to the environment.</li> <li>• P501 Dispose of content/container to an approved waste disposal plant.</li> </ul>

## Material Safety Data Sheet

### 3. Composition/Information on Ingredients:

Components Name	Synonyms	Gravity (%)	Percentage for Chemical Ingredient (%)	Chemical Abstracts Number (CAS No)
Aluminum		40-70%	---	7429-90-5
Polydimethylsiloxane		0.5-10%	---	70131-67-8
Zinc oxide	Zinc oxide	10-40%	---	1314-13-2
Isododecane		1-5%	---	90622-58-5
<b>(Down is blank)</b>				

### Mixture

Chemical Characteristics:		
Hazardous Components Name	Concentration/Percentage	Hazard Symbols
<b>Down is blank</b>		

### 4. First Aid Measures:

Inhalation	If inhaled, move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing has stopped, give artificial respiration. Get medical attention if irritation develops and persists.
Skin Contact	For skin contact, wash with soap and water while removing contaminated clothing. Get medical attention if irritation develops and persists.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Obtain medical attention if symptoms develop and persist.

### 5. Fire Fighting Measure:

<b>Suitable extinguishing media:</b> Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical..
<b>Unsuitable extinguishing media:</b> None known.
<b>Special hazards arising from the chemical:</b> Toxic fumes may be released during a fire. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

## Material Safety Data Sheet

**Special protection equipment and Precautions for fire-fighters:**

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

**Fire-fighting Equipment/instructions:**

Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

**Specific Extinguishing Procedure:**

Remove away from the heat, extinguish by water or other media.

**General fire hazards:**

Not classified as flammable. However, may burn if exposed to extreme heat and flame.

**Hazardous combustion products:**

Carbon oxides; Metal oxides; Silica; formaldehyde; Silicon oxides

### 6. Accidental Release Measures:

**Personal protection:** Avoid eye contact. Do not take internally.

**Environment protection:** Do not allow large quantities to enter drains or surface waters.

**Methods for Cleaning up:**

It is recommended that customers use disposable containers and utensils whenever possible to simplify clean-up. However, when disposable materials are impractical, XTM70 can be removed by cleaning equipment with a solvent such as isopropyl alcohol. Observe appropriate precautions when using flammable solvents. Solvent-cleaned utensils should be thoroughly dried before reuse. Any remaining solvent can contaminate XTM70 during the next application or use.

### 7. Handling and Storage:

**Handling:** Use with adequate ventilation. Avoid eye contact. Do not take internally. Exercise good industrial hygiene practices. Wash after handling, especially before eating, drinking, or smoking.

**Storage:** XTM70 has a shelf life of 1 year at 25C to 30C, in a sealed package to retain optimal properties.

### 8. Exposure Control/Personal Protection:

**Engineering Control:** Don't expose under sunshine directly. No special ventilation requirements if good ventilation is maintained.

**Hygienic procedures:** Wash hands thoroughly after handling and before eating or drinking.

**Personal Protective Equipment:** No need.

### 9. Physical and Chemical Properties/Characteristics:

Appearance: Grease	Form: Dispensable.
Color: Gray	Odor: Odorless

## Material Safety Data Sheet

PH Value: N/Av	Boiling Point/Boiling Range: >700 °C
Decomposition temperature: N/A	Flash Point: N/A Test Method: N/A
Spontaneous Temperature: N/A	Explosion Limits: N/A
Vapor Pressure: N/A	Vapor Density: N/A
Specific Gravity: 2.7 g/cc	Solubility in water: N/A

### 10. Stability and Reactivity:

<b>Stability:</b> Stable
<b>Special Conditions of Hazardous Reaction:</b> N/A
<b>Some rusty metal:</b> N/A
<b>Conditions to Avoid:</b> N/A
<b>Incompatibility:</b> Strong alkalis and strong acids

### 11. Toxicological information:

<b>Acute toxicity:</b>			
Chemical Name	CAS No.	LD50(Dermal)	LC50(inhalation)
Zinc oxide	1314-13-2	—	—
Polydimethylsiloxane	70131-67-8		
<ul style="list-style-type: none"> <li>● <b>Eyes:</b> Contact with the eyes during product use may cause serious eye irritation.</li> <li>● <b>Skin:</b> Contact with the skin during product use is not expected to result in significant irritation.</li> <li>● <b>Ingestion:</b> No health effects are expected.</li> <li>● <b>Inhalation:</b> No health effects are expected.</li> </ul>			
<b>Local Effects:</b> No			
<b>Sensitization:</b> No			
<b>Chronic toxicity:</b> No			
<b>Specific effect:</b> No			

**Material Safety Data Sheet****12. Ecological Information:**

According to the harmonized classification and labelling (CLP00), Zinc oxide (CAS# 1314-13-2) as one of the contents of the product, is very toxic to aquatic life and is very toxic to aquatic life with long lasting effects.

**13. Disposal Information:**

**Disposal Instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Local disposal regulations:** Dispose in accordance with all applicable federal, state, territory and local regulations.

**Hazardous waste code:** If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

**14. Transport Information:**

**International Transport Regulation:** Container

**The United Nations Number (UN-No):** No

**Internal Transport regulation:** Can be packed in box:  $\cong 8\text{kg}$ 、 $\cong 22\text{kg}$ 、 $\cong 13\text{kg}$ 、 $\cong 20\text{kg}$

**Special Transport Way and Note:** Can be delivered as non-dangerous product

**15. Regulation Information:**

Rules on Workers Health and Safety Facilities.

Regulation of Labeling and Hazard Communication of Dangerous and Harmful Materials.

Traffic Safety Rules.

Standards for the Storage, Cleanup, Handling and disposal of Industrial Waste.

**Material Safety Data Sheet****16. Other information:**

**Legend:** The information on this data sheet represents our current data 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 which involves using the product in combination with any other product or any other process is the responsibility of the user.