

# C-C2510-A22, C-C2520-A22 C-C4210-A22, C-C4220-A22 Material Safety Data Sheet

Issue Date: 10/25/02    Revision Date: 12/02/08    Supersedes: 12/02/08

## Product Identification:

<b>Manufacturer's Name:</b>	Applied Membranes, Inc.
<b>Address:</b>	2450 Business Park Dr., Vista, CA 92081
<b>Phone No.:</b>	(760) 727-3711
<b>Applied Membranes, Inc. Name:</b>	C-C2510-A22, C-C2520-A22, C-C4210-A22, C-C4220-A22
<b>Trade Name:</b>	Alkaline TF Type RO Membrane Cleaning Cartridge
<b>Emergency Phone Number:</b>	For Chemical Emergency, Spill Leak Fire Exposure or Accident - Call CHEMTREC Day or Night DOMESTIC NORTH AMERICA 800-424-9300 INTERNATIONAL, CALL 703-527-3887 (collect calls accepted)

## Hazardous Ingredients:

None

## Physical Data:

<b>Appearance and Odor:</b>	Plastic cartridge with no distinct odor
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## Fire and Explosion Data:

<b>Flash Point/Method:</b>	Not combustible.
<b>Extinguishing Media:</b>	Not applicable.
<b>Special Fire Fighting Procedures:</b>	Not applicable.
<b>Unusual Fire and Explosion Hazards:</b>	None known.

## Health Hazard Data:

### Effects of Exposure

<b>Eye contact:</b>	No more than slightly irritating.
<b>Skin Contact:</b>	No more than slightly irritating.
<b>Inhalation:</b>	This product may cause coughing, chest tightness, runny nose, chest pain and burning throat.
<b>Ingestion:</b>	No more than slightly toxic. Swallowing large quantities may result in nausea, vomiting, gastrointestinal tract irritation.

### Personal Protection

<b>Eye Contact:</b>	This product does not cause significant eye irritation or eye toxicity requiring special protection. Use good industrial practice to avoid eye contact.
<b>Skin Contact:</b>	Although this product does not present a significant skin concern, minimize skin contamination by following good industrial practice. Wearing protective gloves is recommended. Wash hands and contaminated skin thoroughly after handling.
<b>Respiratory:</b>	Avoid breathing dust. Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure limits are exceeded (see below). Consult the respirator manufacturer to determine appropriate type of equipment for a given application. Observe respirator use limitations specified by NIOSH/MSHA or the manufacturer. Respiratory protection programs must comply with 29 C.F.R. 19103134
<b>Ventilation:</b>	Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits (see below). The use of local mechanical exhaust ventilation is preferred at sources of air contamination such as open process equipment.

### First Aid Measures

<b>Eye Contact:</b>	Immediate first aid is not likely to be required. However, this material can be removed with water. Remove material from eyes, skin and clothing. Wash heavily contaminated clothing before reuse.
<b>Skin Contact:</b>	Immediate first aid is not likely to be required. However, this material can be removed with water. Remove material from eyes, skin and clothing. Wash heavily contaminated clothing before reuse.
<b>Respiratory:</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
<b>Ingestion:</b>	Immediate first aid is not likely to be required. A physician or Poison Control Center can be contacted for advice.

## Airborne Exposure Limits:

OSHA and ACGIH have not established specific exposure limits for this material. However, OSHA and ACGIH have established limits for particulates not otherwise classified (PNOC) which are the least stringent exposure limits applicable to dusts.

OSHA PEL ACGIH TLV

15 mg/m<sup>3</sup> (total dust) 8-hr TWA 10 mg/m<sup>3</sup> (inhalable) 8-hr TWA

5 mg/m<sup>3</sup> (respirable) 8-hr TWA 3 mg/m<sup>3</sup> (respirable) 8-hr TWA

Sodium tripolyphosphate anhydrous contains tetrasodium pyrophosphate which has the following airborne exposure guidelines:

OSHA PEL ACGIH TLV

5 mg/m<sup>3</sup> 8-hr TWA 5 mg/m<sup>3</sup> 8-hr TWA

Components referred to herein may be regulated by specific Canadian provincial legislation. Please refer to exposure limits legislated for the province in which the substance will be used.

## Reactivity Data:

<b>Stability:</b>	Stable under normal conditions.
<b>Incompatibility:</b>	None known.
<b>Hazardous Decomposition Products:</b>	None known.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	None known.

## Spill or Leak Procedures:

### Spill or Leak Procedures:

In case of spill, sweep, scoop or vacuum and remove. If possible, complete clean-up on a dry basis. Flush residual spill area with water.

## Special Precautions

### Precautions To Be Taken In Handling And Storing:

Avoid breathing dust.

Keep container closed.

Use only with adequate ventilation.

Emptied container retains product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

STORAGE: Store in a cool, dry place to maintain product performance.