HAZARDS IDENTIFICATION  (ANSI Section 3)
Primary route(s) of exposure : Inhalation, skin contact, eye contact, ingestion.
Effects of overexposure :
Inhalation : Irritation of respiratory tract, lungs. Prolonged inhalation may lead to mucous membrane irritation, headache, nausea, chest pain, coughing, difficulty of breathing, pneumoconiosis.
Skin contact : Irritation of skin.
Eye contact : Irritation of eyes.
Ingestion : Ingestion may cause gastro-intestinal disturbances.
Medical conditions aggravated by exposure : Eye, skin, respiratory disorders.

EXPOSURE CONTROLS/PERSONAL PROTECTION  (ANSI Section 8)
Respiratory protection : Control environmental concentrations below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA (Canadian Z94.4) approved elastomer sealing- surface facepiece respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring. Consult 29CFR1910.134 For selection of respirators (Canadian Z94.4).
Ventilation : Provide dilution ventilation or local exhaust to prevent build-up of vapors.
Personal protective equipment : Eye wash, safety shower, safety glasses or goggles, impervious gloves.

STABILITY AND REACTIVITY  (ANSI Section 10)
Under normal conditions : Stable see section 5 fire fighting measures
Materials to avoid : Oxidizers, acids, bases.
Conditions to avoid : Freezing.
Hazardous polymerization : Will not occur

TOXICOLOGICAL INFORMATION  (ANSI Section 11)
Supplemental health information : No additional effects are anticipated
Carcinogenicity : Treatment related nasal tumors were observed in rats and mice exposed to vinyl acetate via inhalation at 600 ppm for 2 years. In a lifetime inhalation study, exposure to 250 mg/m3 titanium dioxide resulted in the development of lung tumors in rats. These tumors occurred only at dust levels that overwhelmed the animals’ lung clearance mechanisms and were different from common human lung tumors in both type and location. The relevance of these findings to humans is unknown but questionable. The international agency for research on cancer (IARC) has classified titanium dioxide as possibly carcinogenic to humans (group 2B) based on inadequate evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
Reproductive effects : No reproductive effects are anticipated
Mutagenicity : No mutagenic effects are anticipated
Teratogenicity : No teratogenic effects are anticipated

ECOLOGICAL INFORMATION  (ANSI Section 12)
No ecological testing has been done by ICI paints on this product as a whole.

DISPOSAL CONSIDERATIONS  (ANSI Section 13)
Waste disposal : Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

REGULATORY INFORMATION  (ANSI Section 15)
As of the date of this MSDS, all of the components in this product are listed (or are otherwise exempt from listing) on the TSCA inventory. This product has been classified in accordance with the hazard criteria of the CPR (controlled products regulations) and the MSDS contains all the information required by the CPR.

The information contained herein is based on data available at the time of preparation of this data sheet which ICI Paints believes to be reliable. However, no warranty is expressed or implied regarding the accuracy of this data. ICI Paints shall not be responsible for the use of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and the health and safety of your employees and the users of this material. Complies with OSHA hazard communication standard 29CFR1910.1200.
### Physical Data
(ANSI Sections 1, 9, and 14)

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Wt. / Gal.</th>
<th>VOC gr. / ltr.</th>
<th>% Volatile by Volume</th>
<th>Flash Point</th>
<th>Boiling Range</th>
<th>HMIS</th>
<th>DOT, proper shipping name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FA4070</td>
<td>the freshaire choice flat interior latex ceiling paint</td>
<td>11.02</td>
<td>0.00</td>
<td>67.26</td>
<td>none</td>
<td>212-212</td>
<td>310</td>
<td>paint ** protect from freezing **</td>
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</tbody>
</table>

### Ingredients
(ANSI Section 2)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Common Name</th>
<th>CAS. No.</th>
<th>FA4070</th>
</tr>
</thead>
<tbody>
<tr>
<td>silicic acid, aluminum sodium salt</td>
<td>sodium aluminosilicate</td>
<td>1344-00-9</td>
<td>1-5</td>
</tr>
<tr>
<td>titanium oxide</td>
<td>titanium dioxide</td>
<td>13463-67-7</td>
<td>10-20</td>
</tr>
<tr>
<td>ceramic materials and wares, chemicals</td>
<td>calcined kaolin clay</td>
<td>66402-68-4</td>
<td>10-20</td>
</tr>
<tr>
<td>water</td>
<td>water</td>
<td>7732-18-5</td>
<td>50-60</td>
</tr>
<tr>
<td>vinyl acetate/acrylic copolymer</td>
<td>vinyl acetate/acrylic copolymer</td>
<td>Sup. Conf.</td>
<td>10-20</td>
</tr>
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</table>

### Chemical Hazard Data
(ANSI Sections 2, 8, 11, and 15)

<table>
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<tr>
<th>Common Name</th>
<th>CAS. No.</th>
<th>8-Hour TWA</th>
<th>STEL</th>
<th>C</th>
<th>S</th>
<th>8-Hour TWA</th>
<th>STEL</th>
<th>C</th>
<th>S</th>
<th>S.R. Std.</th>
<th>S2</th>
<th>S3</th>
<th>CC</th>
</tr>
</thead>
<tbody>
<tr>
<td>sodium aluminosilicate</td>
<td>1344-00-9</td>
<td>10 mg/m3</td>
<td>not est.</td>
<td>not est.</td>
<td>not est.</td>
<td>5 mg/m3</td>
<td>not est.</td>
<td>not est.</td>
<td>not est.</td>
<td>n</td>
<td>n</td>
<td>n</td>
<td>n</td>
</tr>
<tr>
<td>titanium dioxide</td>
<td>13463-67-7</td>
<td>10 mg/m3</td>
<td>not est.</td>
<td>not est.</td>
<td>not est.</td>
<td>10 mg/m3</td>
<td>not est.</td>
<td>not est.</td>
<td>not est.</td>
<td>n</td>
<td>n</td>
<td>n</td>
<td>y</td>
</tr>
<tr>
<td>calcined kaolin clay</td>
<td>66402-68-4</td>
<td>not est.</td>
<td>not est.</td>
<td>not est.</td>
<td>not est.</td>
<td>not est.</td>
<td>not est.</td>
<td>not est.</td>
<td>not est.</td>
<td>n</td>
<td>n</td>
<td>n</td>
<td>n</td>
</tr>
<tr>
<td>vinyl acetate/acrylic copolymer</td>
<td>Sup. Conf.</td>
<td>not est.</td>
<td>not est.</td>
<td>not est.</td>
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<td>not est.</td>
<td>not est.</td>
<td>not est.</td>
<td>not est.</td>
<td>n</td>
<td>n</td>
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<td>n</td>
</tr>
</tbody>
</table>

Footnotes:
- C=Concentration that should not be exceeded, even instantaneously.
- S=Skin - Additional exposure, may result from skin absorption.
- S2=Sara Section 302 EHS
- S3=Sara Section 313 Chemical
- H=Hazardous Air Pollutant, M=Marine Pollutant
- P=Pollutant; S=Severe Pollutant
- N=NTP; I=ARC; O=OSHA; y=yes, n=no