1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Anti-Foaming Agent

Chemical Name: Polydimethylsiloxane emulsion

Supplier: The Real Milk Paint Co.
11 W. Pumping Station Rd.
Quakertown, PA 18951

Contact Numbers: CHEM-TELL (24 Hours) 800-255-0573
                Customer Service 800-339-9748

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS3</th>
<th>CONCENTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt;50.0%</td>
</tr>
<tr>
<td>Proprietary additives</td>
<td>Trade Secret</td>
<td>&lt;30.0%</td>
</tr>
<tr>
<td>Silica filled polydimethylsiloxane</td>
<td>Trade Secret</td>
<td>&lt;15.0%</td>
</tr>
</tbody>
</table>

Note(s): See Section 15 for chemicals appearing on Federal or State Right-To-Know lists.

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW
NORMAL PRECAUTIONS COMMON TO SAFE MANUFACTURING PRACTICE SHOULD BE FOLLOWED IN HANDLING AND STORAGE.

4. FIRST AID MEASURES

Swallowing
No emergency care anticipated

Skin
Wash skin with soap and water
Inhalation
No emergency care anticipated.

Eye contact
Flush eyes thoroughly with water for several minutes

Notes to physicians
Toxicology studies have shown this material to be of very low acute toxicity. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

Flammable limits
Lower limits          Not available
Upper limits          Not available

Special fire fighting procedures
None.

Special protective equipment for firefighters
Use self-contained breathing apparatus when fighting fires in enclosed areas.

Extinguishing media
Suitable:       Non-flammable (aqueous)
                After water evaporates, the remaining material will burn.
                Large fires:
                -Alcohol-type foam or universal type foam
                Small fires:
                -CO2
                -dry chemical

Unsuitable:     None.

Unusual fire and explosion hazards
None known.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Wear suitable protective equipment
Environmental precautions
Prevent runoff.

Methods for cleaning up.
Cover with absorbent or contain.
Collect for disposal
Observe government regulations

7. HANDLING AND STORAGE

HANDLING
Handling precautions
Normal precautions should be followed in handling and use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION
Respiratory Protection
None expected to be needed.

Hand protection/protective gloves
Recommended order of use:
4H
Butyl
Neoprene
Nitrile (NBR)
PVC-coated

Eye protection
Safety glasses

Other protective equipment
Eye bath
Safety shower

ENGINEERING CONTROLS
Ventilation
General (mechanical room ventilation is expected to be satisfactorily.

EXPOSURE LIMITS
No exposure limits have been established.
### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Opaque white</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
</tr>
</tbody>
</table>

**OTHER PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point</td>
<td>&gt;100 C at STP unless specified below</td>
</tr>
<tr>
<td>Mixture</td>
<td></td>
</tr>
<tr>
<td>Melting point</td>
<td>0 C at STP unless specified below</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific gravity (H2O=1)</td>
<td>1.0000 at 25 C (1,013 hPa)</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>&lt;26.6 hPa (20.00 mmHg) at 20 C</td>
</tr>
<tr>
<td>Vapor density (air=1)</td>
<td>Heavier than air</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Dispersible</td>
</tr>
<tr>
<td>Evaporation rate (Butyl Acetate=1)</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Flash Point</td>
<td>None, Aqueous system</td>
</tr>
<tr>
<td>Upper explosion limits</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower explosion limits</td>
<td>Not available</td>
</tr>
<tr>
<td>Percent volatiles</td>
<td>Not determined</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>Mixture</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Stability:** Stable.
Stability – Conditions to avoid
None known

Incompatible materials
None currently known

Hazardous combustion products
After evaporation of water, residue can burn to produce:
Oxides of carbon.
Oxides of silicon.
Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiate. Acute over exposure to the products of combustion may result in irritation of the respiratory tract.

Hazardous polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

SWALLOWING
Acute effects
No evidence of harmful effects from available information

SKIN ABSORPTION
Acute effects
No evidence of harmful effects from available information.

INHALATION
Acute effects
Short-term harmful health effects are not expected from vapor generated at ambient temperature.

SKIN CONTACT
Acute effects
May cause minor irritation
May cause the following effects:
- itching
- slight local redness

MATERIAL SAFETY DATA SHEET
EYE CONTACT
Acute effects
May cause slight irritation
May cause the following effects;
-swelling of the conjunctivae

Medical condition s aggravated by overexposure
A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

Other effects of overexposure
No adverse effects anticipated from available information

SIGNIFICANT DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH
No information relevant to human health hazard evaluation is currently available.

12. ECOLOGICAL INFORMATION
All available ecological data have been taken into account for the development of the hazard and precautionary information contained in this Safety Data Sheet.

13. DISPOSAL CONSIDERATIONS
General: Incinerate in a furnace where permitted under appropriate Federal, State and local regulations.

14. TRANSPORT INFORMATION
DOT Classification
This product is not regulated by DOT
Freight description road: OIL, O/T PETROLEUM, LUBRICATED, NOIBN

IMDG Classification
This product is not regulated by IMDG.

ICAO Classification
This product is not regulated by ICAO.

15. REGULATORY INFORMATION
Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ’s) in 40CFR302.4.
Components present in this product at a level which could require reporting under the statute are:
****NONE****

MATERIAL SAFETY DATA SHEET
for Anti-Foaming Agent

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40CFR355 (used for SARA 302 and 304).
Components present in this product at a level which could require reporting under the statute are:
****NONE****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemical that appear in 40CFR372 (for SARA 313). This information must be included in MSDS’s that are copied and distribute for this material.
Components present in this product at a level which could require reporting under the statute are:
****NONE****

Massachusetts Right-To-Know Substance List (MSL)—Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products.
Components present in this product at a level which could require reporting under the statute are:
***NONE***

Pennsylvania Right-To-Know Hazardous Substance List—Hazardous Substances and Special Hazardous Substances on the list must be identified when present in products.
Components present in this product at a level which could require reporting under the statute are:
***NONE***

EPA Hazard Categories (SARA 311,312): None

California Proposition 65
This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

California SCAQMD Rule 443.1 VOC’s
Volatile Organic Components (VOC’s)=Substances with vapor pressure of => 0.5 mmHg at 104 ‘C (219.2’F).
****NOT DETERMINED****

CHEMICAL INVENTORY

Canada: The ingredients of this product are on the DSL.
Europe: The ingredients of this product are on the EINECS inventory.

United States: The components of this product are listed on the TSCA inventory or are exempt.

MATERIAL SAFETY DATA SHEET
16. OTHER INFORMATION

RECOMMENDED USES AND RESTRICTIONS
Please consult the product and/or application information bulletins for this product.

HMIS RATING
Health: 1  Flammability: 0  Reactivity: 0  PPI: X

LEGEND
STP  Standard temperature and pressure
W/W  Weight/Weight
0(HMIS)  Minimal hazard
1(HMIS)  Slight hazard
2(HMIS)  Moderate hazard
3(HMIS)  Serious hazard
4(HMIS)  Severe hazard
X(HMIS)  Personal protection rating to be supplied by user depending on use conditions.

The opinions expressed herein are those of qualified experts within The Real Milk Paint Co.... We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of The Real Milk Paint Co., it is the user’s obligation to determine the conditions of safe use of this product.