Product Name : AQuartz PPF

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1-1. Product Name : AQuartz Paint Protect Film Coating
1-2. Information of a Manufacturing Company
1-2-1. Company Name : SeeUm Co., Ltd.
1-2-2. Address : 210 Shopping Center, Yeonjae Green Tower, 87 Beon-Gil 30, Geojecheon-Ro, Geoje-Dong, Yeonje-Gu, Busan City, South Korea
1-2-3. Phone / Fax : +82 51 7447786 / +82 51 868 1626
1-2-4. Recommended Use : Car Paint Protect Coating

2. COMPOSITION / INFORMATION ON INGREDIENTS

2-1. Chemical Mixture : Water dispersion
2-2. Chemical description | Chemical formula | Content | CAS No. | Remark
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium Dioxide</td>
<td>TiO2</td>
<td>&lt; 10.0%</td>
<td>13463-67-7</td>
<td></td>
</tr>
<tr>
<td>Silicon Dioxide</td>
<td>SiO2</td>
<td>&lt; 15.0%</td>
<td>7631-86-9</td>
<td></td>
</tr>
<tr>
<td>Ethyl Silicate</td>
<td>4SiO4</td>
<td>&lt; 2.0%</td>
<td>78-10-4</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>H2O</td>
<td>&gt; 70.0%</td>
<td>7732-18-5</td>
<td></td>
</tr>
<tr>
<td>Additive</td>
<td>No disclosure</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. HAZARD IDENTIFICATION

3-1. Emergency Overview : Not regarded as a health hazard under current legislation.
3-2. Potential Health Effects :
3-2-1. Eye : May cause eye irritation.
3-2-2. Skin : May cause eye irritation.
3-2-3. Ingestion : May cause irritation of the digestive tract. Abdominal discomfort, nausea and diarrhea may occur.
3-2-4. Inhalation : May cause irritation to respiratory tract.

4. FIRST AID MEASURES

4-1. Eyes : Immediately irrigate with eyewash solution or clean water. Medical advice should be sought as a precautionary measure.
4-2. Skin : Wash off with soap and plenty of water. If irritation persists, seek medical attention.
4-3. Ingestion : Immediately evacuate any remaining liquid from the mouth and seek medical attention.
4-4. Inhalation : Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

5. FIRE FIGHTING MEASURES

5-1. General Information: This product is not flammable. As in any fire, wear a self-contained breathing apparatus in pressure demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and toxic gases may be generated by thermal decomposition or combustion.
5-2. Extinguishing Media: Use dry chemical, carbon dioxide, appropriate foam, or fine spray water etc.
6. ACCIDENTAL RELEASE MEASURES

6-1. Personal precautions : Wear personal protective equipment
6-2. Environmental precautions : Contain the spilled material by banding.
6-3. Methods for cleaning up : Wipe off or wash affected area with water.

7. HANDLING AND STORAGE

7-1. Handling (Safe handling advice) : Prior to use, shake well to restore the suspension and promptly clean up spills.
7-2. Storage (at room temperature) : Store in a cool and dark place and keep container closed.
7-3. Packaging : Store in clean plastic containers.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8-1. Hand Protection : Gloves to prevent skin exposure as latex or vinyl.
8-2. Eye Protection : Safety spectacles with side shields.
8-3. Other Protective Equipment : Wear appropriate clothing to prevent skin exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

9-1. Physical State : Liquid
9-2. Color : Milky Liquid
9-3. Odor : Mild odor
9-4. Vapor pressure : Not available (Same as water)
9-5. Solubility in water : Soluble in water in all proportions
9-6. Flash point : Does not flash
9-7. Boiling point : 100 °C (same as water)
9-8. Freezing point : Not available (aqueous liquid)
9-9. Specific gravity : Not available (aqueous liquid)
9-10. pH Value : 6.0~8.0 @20°C
9-11. (Air=1) Density : 1.1 g/ml @20°C
9-12. Auto-Ignition : Not applicable
9-13. VOCs : Not applicable

10. STABILITY AND REACTIVITY INFORMATION

10-1. Chemical stability : Stable under normal conditions of use.
10-2. Conditions to avoid : None known
10-3. Incompatible materials : None known
10-4. Hazardous decomposition products : None known
10-5. Hazardous Reactions : None known.

11. TOXICOLOGICAL INFORMATION

No information available.

11-1. RTECS# : Not listed
11-2. LD50/LC50 : Not listed
11-3. Carcinogenicity : Not listed
12. ECOLOGICAL INFORMATION

The product is not classified as dangerous for the environment. Product should not be allowed to enter drains or water courses.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable regulation.

14. TRANSPORT INFORMATION

14-1. E.U Regulation : No information available
14-2. Hazard class/Packing group : No information available
14-3. Technical name : No information available
14-4. Labels required : No information available
14-5. UN number : No information available
14-6. DOT Packaging requirements : No information available

15. REGULATORY INFORMATION

15-1. OSHA : Not regulated
15-2. Risk phrases : Not regulated
15-3. Safety phrases : Not regulated
15-4. SARA(Superfund Amendments and Reauthorization Act) : No information available
15-5. EU : No information available

16. ADDITIONAL INFORMATION

The information provided in this Safety Data Sheet is correct to the best our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

...The End of MSDS...