SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
- Trade name: WINNOFIL ® SPT
- Chemical Name: Calcium carbonate
- Molecular formula: CaCO₃

1.2 Relevant identified uses of the substance or mixture and uses advised against

Uses of the Substance / Mixture
- Adhesives, sealants
- Contact your supplier for additional information
- Construction materials additives
- Lubricant
- Thickening agent

1.3 Details of the supplier of the safety data sheet

Company
SOLVAY FLUORIDES, LLC
3333 RICHMOND AVENUE
77098-3099, HOUSTON
USA
Tel: +1-800-7658292; +1-713-5256700
Fax: +1-713-5257805

Prepared by
Solvay Product Stewardship (see Telephone number above)

Date Prepared
06/01/2015

1.4 Emergency telephone
FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT: CHEMTREC 800-424-9300 within the United States and Canada, or 703-527-3887 for international collect calls.

SECTION 2: Hazards identification

2.1 Emergency overview

Appearance
Form: powder
Physical state: solid
Color: white
Odor: odorless

Warning statements
- Not hazardous in normal conditions of handling and use
- Risk of pulmonary overload (respirable particulates)
- The information required is contained in this Material Safety Data Sheet.

2.2 Potential Health Effects
Inhalation effect
- slight irritation
- Repeated or prolonged exposure
- Risk of pulmonary overload (respirable particulates)
- Possible risk of irreversible effects through inhalation.

Skin effect
- No hazards to be specially mentioned.
- Repeated or prolonged exposure
- Contact with dust can cause mechanical irritation or drying of the skin.

Eye effect
- Dust contact with the eyes can lead to mechanical irritation.

Ingestion effect
- Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic effects
- This product does not contain any ingredient designated by IARC or ACGIH as probable or suspected human carcinogens.

SECTION 3: Composition/information on ingredients
- Chemical nature: Calcium carbonate, precipitate coated with fatty acids

3.1 Information on Components and Impurities
WHMIS Hazardous Ingredients and Impurities

SECTION 4: First aid measures
4.1 Description of first-aid measures

General advice
- Show this material safety data sheet to the doctor in attendance.
- First responder needs to protect himself.

In case of inhalation
- Move to fresh air.
- If symptoms persist, call a physician.

In case of skin contact
- Wash off with soap and water.

In case of eye contact
- Rinse thoroughly with plenty of water, also under the eyelids.
- If eye irritation persists, consult a specialist.

In case of ingestion
- Rinse mouth with water.
- Do NOT induce vomiting.
4.2 Most important symptoms and effects, both acute and delayed

**In case of inhalation**

Effects
- Slight irritation

*Repeated or prolonged exposure*
- Risk of pulmonary overload (respirable particulates)
- Possible risk of irreversible effects through inhalation.

**In case of skin contact**

Effects
- No hazards to be specially mentioned.

*Repeated or prolonged exposure*
- Contact with dust can cause mechanical irritation or drying of the skin.

**In case of eye contact**

Effects
- Dust contact with the eyes can lead to mechanical irritation.

**In case of ingestion**

Effects
- Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3 Indication of any immediate medical attention and special treatment needed

- No data available

### SECTION 5: Firefighting measures

**Flash point**
- Not applicable, inorganic

**Autoignition temperature**
- Not auto-flammable

**Flammability / Explosive limit**
- No data available

5.1 Extinguishing media

**Suitable extinguishing media**
- Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**
- None.

5.2 Special hazards arising from the substance or mixture

**Specific hazards during fire fighting**
- The product itself does not burn.
- Non-combustible/non-flammable but may produce dangerous fumes if involved in fire.
- Carbon dioxide (CO2)

**Hazardous combustion products:**
- Heating can release hazardous gases.
- Carbon dioxide (CO2)
5.3 Advice for firefighters

**Special protective equipment for fire-fighters**
- Use personal protective equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

**Advice for non-emergency personnel**
- Evacuate personnel to safe areas.
- Avoid dust formation.

**Advice for emergency responders**
- Sweep up to prevent slipping hazard.
- Prevent further leakage or spillage.

6.2 Environmental precautions
- Do not flush into surface water or sanitary sewer system.
- No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up
- Sweep up and shovel into suitable containers for disposal.
- Keep in properly labeled containers.
- Keep in suitable, closed containers for disposal.
- Flush with plenty of water.

6.4 Reference to other sections
- Refer to protective measures listed in sections 7 and 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
- Ensure adequate ventilation.
- Avoid dust formation.
- Avoid contact with skin and eyes.
- Do not get on skin or clothing.
- Keep away from incompatible products

**Hygiene measures**
- When using do not eat, drink or smoke.
- Wash hands before breaks and at the end of workday.
- Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities
Technical measures/Storage conditions
- Store in original container.
- Keep in a dry place.
- Keep in properly labeled containers.
- Keep container closed.

Packaging material
Suitable material
- Paper.
- Polyethylene

 Unsuitable material
- no data available

Requirements for storage rooms and vessels
- Stable under recommended storage conditions.

7.3 Specific end use(s)
- Contact your supplier for additional information

SECTION 8: Exposure controls/personal protection

Introductory Remarks: These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

8.1 Control parameters
- no data available

8.2 Exposure controls

Control measures
Engineering measures
- Provide appropriate exhaust ventilation at places where dust is formed.
- Apply technical measures to comply with the occupational exposure limits.

Individual protection measures
Respiratory protection
- No personal respiratory protective equipment normally required.
- Use NIOSH approved respiratory protection.
- Comply with OSHA respiratory protection requirements.
- In case of insufficient ventilation, wear suitable respiratory equipment.
- Effective dust mask

Hand protection
- Wear suitable gloves.

Suitable material
- PVC
- Neoprene
- Natural Rubber

Eye protection
- Safety goggles
- Dust proof goggles, if dusty.

**Skin and body protection**
- Dust impervious protective suit

**Hygiene measures**
- When using do not eat, drink or smoke.
- Wash hands before breaks and at the end of workday.
- Handle in accordance with good industrial hygiene and safety practice.

**Protective measures**
- Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards, and/or risks that may occur during use.
- The protective equipment must be selected in accordance with current local standards and in cooperation with the supplier of the protective equipment.
- Handle in accordance with good industrial hygiene and safety practice.

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**SECTION 9: Physical and chemical properties**

Physical and Chemical properties here represent typical properties of this product. Contact the business area using the Product information phone number in Section 1 for its exact specifications.

**9.1 Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td></td>
</tr>
<tr>
<td>Form</td>
<td>powder</td>
</tr>
<tr>
<td>Physical state</td>
<td>solid</td>
</tr>
<tr>
<td>Color</td>
<td>white</td>
</tr>
<tr>
<td><strong>Particle size</strong></td>
<td>&lt; 100 nm</td>
</tr>
<tr>
<td></td>
<td>d 50, nano particles</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>odorless</td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>6.0 - 10.0 (59 - 77 °F (15 - 25 °C))</td>
</tr>
<tr>
<td><strong>pKa</strong></td>
<td>10.4 Calcium Carbonate</td>
</tr>
<tr>
<td></td>
<td>6.4 Calcium Carbonate</td>
</tr>
<tr>
<td><strong>Melting point/range</strong></td>
<td>&gt; 842 °F (&gt; 450 °C)</td>
</tr>
<tr>
<td></td>
<td>Decomposes without melting.</td>
</tr>
<tr>
<td><strong>Boiling point/boiling range</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Flash point</strong></td>
<td>Not applicable, inorganic</td>
</tr>
<tr>
<td><strong>Evaporation rate (Butylacetate = 1)</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>The product is not flammable.</td>
</tr>
</tbody>
</table>
**SECTION 10: Stability and reactivity**

10.1 Reactivity
- Decomposes by reaction with strong acids.

10.2 Chemical stability
- Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
- Exothermic reaction with strong acids., Heating can release hazardous gases., Contact with acids liberates CO2, sometimes violently.

10.4 Conditions to avoid
- Heat.

10.5 Incompatible materials
- Acids

10.6 Hazardous decomposition products
SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity  no data available
Acute inhalation toxicity  no data available
Acute dermal toxicity  no data available
Acute toxicity (other routes of administration)  no data available
Skin corrosion/irritation  no data available

Serious eye damage/eye irritation  no data available

Respiratory or skin sensitization  no data available

Mutagenicity

Genotoxicity in vitro  no data available
Genotoxicity in vivo  no data available

Carcinogenicity  Not expected

This product does not contain any ingredient designated as probable or suspected human carcinogens by:
IARC
ACGIH

Toxicity for reproduction and development

Toxicity to reproduction / fertility  no data available
Developmental Toxicity/Teratogenicity  No effect observed on development

STOT

STOT-single exposure  no data available
STOT-repeated exposure  no data available
CMR effects

Mutagenicity
Did not show mutagenic or teratogenic effects in animal experiments.

Aspiration toxicity
no data available

SECTION 12: Ecological information

12.1 Toxicity

Aquatic Compartm

Chronic toxicity to fish
No toxicity at the limit of solubility.

12.2 Persistence and degradability

Abiotic degradation

Photodegradation
acid/base equilibrium as a function of pH
Medium
Water
Soil
Degradation products:
carbonic acid/bicarbonate/carbonate
complexation/precipitation of inorganic and organic materials
Medium
Water
Soil

Biodegradation

Biodegradability
The methods for determining biodegradability are not applicable to inorganic substances.

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)
Not expected

12.4 Mobility in soil

Adsorption potential (Koc)
Water/soil
low solubility and mobility
Air
mobility as solid aerosols

12.5 Results of PBT and vPvB assessment
no data available
12.6 Other adverse effects

no data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product Disposal

- In accordance with local and national regulations.
- Can be landfilled, when in compliance with local regulations.

Advice on cleaning and disposal of packaging

- Where possible recycling is preferred to disposal or incineration.
- If recycling is not practicable, dispose of in compliance with local regulations.
- Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

SECTION 14: Transport information

TDG
not regulated

DOT
not regulated

NOM
not regulated

IMDG
not regulated

IATA
not regulated

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transportation regulations for hazardous materials, it would be advisable to check their validity with your sales office.
SECTION 15: Regulatory information

15.1 Notification status

<table>
<thead>
<tr>
<th>Inventory Information</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States TSCA Inventory</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Mexico INSQ (INSQ)</td>
<td>- One or more components not listed on inventory</td>
</tr>
<tr>
<td>Canadian Domestic Substances List (DSL)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>New Zealand, Inventory of Chemical Substances</td>
<td>- In compliance with the inventory</td>
</tr>
<tr>
<td>Australia Inventory of Chemical Substances (AICS)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Japan. CSCL - Inventory of Existing and New Chemical Substances</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Korea. Korean Existing Chemical Substances Inventory (KECI)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>China. Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>- Listed on Inventory</td>
</tr>
<tr>
<td>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>- Listed on Inventory</td>
</tr>
</tbody>
</table>

15.2 WHMIS (Workplace Hazardous Materials Information System) Classification

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Classification: Not listed

15.3 Other regulations

no data available

SECTION 16: Other information

NFPA (National Fire Protection Association) - Classification

- Health: 1 slight
- Flammability: 0 minimal
- Instability or Reactivity: 0 minimal
- Special Notices: None

HMIS (Hazardous Materials Identification System (Paint & Coating)) - Classification

- Health: 1 slight
- Flammability: 0 minimal
- Reactivity: 0 minimal
- PPE: Determined by User; dependent on local conditions

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration
- NTP: National Toxicology Program
- IARC: International Agency for Research on Cancer
- NIOSH: National Institute for Occupational Safety and Health

www.solvay.com
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose, and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. It should be used in conjunction with technical sheets but do not replace them. Thus, the information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in any other manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.