

# SAFETY DATA SHEET

North American Version

## WINNOFIL® COATED S, SPM, SPT, SPTP

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1. Identification of the substance or preparation

Product name : WINNOFIL® COATED S, SPM, SPT, SPTP  
Chemical Name : Calcium carbonate  
Synonyms : CCP  
Molecular formula : CaCO<sub>3</sub>  
Molecular Weight : 100.09 g/mol

#### 1.2. Use of the Substance/Preparation

Recommended use : - Construction materials additives  
- Lubricant  
- Thickening agent  
Recommended use : - Adhesives and/or sealants  
- For further information, please contact: Supplier

#### 1.3. Company/Undertaking Identification

Address : SOLVAY CHEMICALS, INC.  
3333 RICHMOND AVENUE  
HOUSTON TX 77098-3099  
United States

#### 1.4. Emergency and contact telephone numbers

Emergency telephone : 1 (800) 424-9300 CHEMTREC® (USA & Canada)  
01-800-00-214-00 (MEX. REPUBLIC)

Contact telephone number : US: +1-800-765-8292 (Product information)  
(product information): US: +1-713-525-6500 (Product information)

### 2. HAZARDS IDENTIFICATION

#### 2.1. Emergency Overview:

NFPA : H= 1 F= 0 I= 0 S= None  
HMIS : H= 1 F= 0 R= 0 PPE = Supplied by User; dependent on local conditions

#### General Information

Appearance : Crystals, powder  
Colour : white  
Odour : odourless

#### 2.2. Potential Health Effects:

**Inhalation**  
- negligible

**Eye contact**

- Moderate eye irritation

**Skin contact**

- slight irritation

**Ingestion**

- (in case of higher concentration): Stomach/intestinal disorders.

**Other toxicity effects**

- See section 11: Toxicological Information

**2.3. Environmental Effects:**

- See section 12: Ecological Information

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Calcium carbonate**

CAS-No.	:	471-34-1
Concentration	:	appr. 95.5 %

**Tallow Stearic acid C14-C18 (animal origin)**

CAS-No.	:	67701-02-4
Concentration	:	appr. 4.5 %

### 4. FIRST AID MEASURES

**4.1. Inhalation**

- Remove the subject from dusty environment and let him blow his nose.

**4.2. Eye contact**

- Flush eyes with running water for several minutes, while keeping the eyelids wide open.
- If eye irritation persists, consult a specialist.

**4.3. Skin contact**

- Wash off with soap and water.
- Wash contaminated clothing before re-use.

**4.4. Ingestion**

**If victim is conscious:**

- Clean mouth with water and drink afterwards plenty of water.

**If victim is unconscious but breathing:**

- not applicable

### 5. FIRE-FIGHTING MEASURES

**5.1. Suitable extinguishing media**

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

**5.2. Extinguishing media which shall not be used for safety reasons**

- None.

**5.3. Special exposure hazards in a fire**

- Combustible material

**5.4. Hazardous decomposition products**

- Calcium oxyde

### 5.5. Special protective equipment for fire-fighters

- No special precautions required.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions

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

### 6.2. Environmental precautions

- Should not be released into the environment.

### 6.3. Methods for cleaning up

- Pick up and arrange disposal without creating dust.
- Keep in properly labelled containers.
- Keep container closed.
- Treat recovered material as described in the section "Disposal considerations".
- Flush with plenty of water.

## 7. HANDLING AND STORAGE

### 7.1. Handling

- Use only in well-ventilated areas.
- Keep away from incompatible products

### 7.2. Storage

- Keep in a dry place.
- Keep only in the original container.
- Keep container closed.

### 7.3. Packaging material

- Paper + PE.

### 7.4. Other information

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Exposure Limit Values

#### Calcium carbonate

- US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) 02 2006  
Permissible exposure limit = 5 mg/m<sup>3</sup>  
Remarks: respirable dust fraction
- US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) 02 2006  
Permissible exposure limit = 15 mg/m<sup>3</sup>  
Remarks: Total dust
- US. OSHA Table Z-1-A (29 CFR 1910.1000) 1989  
time weighted average = 5 mg/m<sup>3</sup>  
Remarks: respirable dust fraction
- US. OSHA Table Z-1-A (29 CFR 1910.1000) 1989  
time weighted average = 15 mg/m<sup>3</sup>  
Remarks: Total dust

#### Particles not otherwise specified (PNOS)

- US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) 02 2006

- Permissible exposure limit = 5 mg/m<sup>3</sup>  
Remarks: respirable dust fraction, All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is the same as the inert or nuisance dust limit of Table Z-3.
- US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) 02 2006  
Permissible exposure limit = 15 mg/m<sup>3</sup>  
Remarks: Total dust, All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is the same as the inert or nuisance dust limit of Table Z-3.
  - US. OSHA Table Z-3 (29 CFR 1910.1000) 2000  
time weighted average = 15 millions of particles per cubic foot of air  
Remarks: respirable dust fraction
  - US. OSHA Table Z-3 (29 CFR 1910.1000) 2000  
time weighted average = 50 millions of particles per cubic foot of air  
Remarks: Total dust
  - US. OSHA Table Z-3 (29 CFR 1910.1000) 2000  
time weighted average = 5 mg/m<sup>3</sup>  
Remarks: respirable dust fraction
  - US. OSHA Table Z-3 (29 CFR 1910.1000) 2000  
time weighted average = 15 mg/m<sup>3</sup>  
Remarks: Total dust
  - US. OSHA Table Z-1-A (29 CFR 1910.1000) 1989  
time weighted average = 5 mg/m<sup>3</sup>  
Remarks: respirable dust fraction
  - US. OSHA Table Z-1-A (29 CFR 1910.1000) 1989  
time weighted average = 15 mg/m<sup>3</sup>  
Remarks: Total dust
  - US. ACGIH Threshold Limit Values 2008  
time weighted average = 10 mg/m<sup>3</sup>  
Remarks: Inhalable particles.

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SAEL = Solvay Acceptable Exposure Limit, Time Weighted Average for 8 hour workdays. No Specific TLV STEL (Short Term Exposure Level) has been set. Excursions in exposure level may exceed 3 times the TLV TWA for no more than a total of 30 minutes during a workday and under no circumstances should they exceed 5 times the TLV TWA.

## 8.2. Engineering controls

- Ensure adequate ventilation.

## 8.3. Personal protective equipment

### 8.3.1. Respiratory protection

- Use NIOSH approved respiratory protection.
- Comply with OSHA respiratory protection requirements.
- In case of insufficient ventilation, wear suitable respiratory equipment.
- Effective dust mask.

### 8.3.2. Hand protection

- Protective gloves
- Suitable material: PVC, Neoprene, Natural Rubber

### 8.3.3. Eye protection

- Chemical resistant goggles must be worn.

### 8.3.4. Skin and body protection

- Protective suit

#### 8.3.5. Hygiene measures

- Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. General Information

Appearance	: Crystals, powder
Colour	: white
Odour	: odourless

### 9.2. Important health safety and environmental information

pH	: <i>Remarks: not applicable</i>
Boiling point/boiling range	: <i>Remarks: not applicable</i>
Flash point	: <i>Remarks: not applicable</i>
Flammability	: <u>Lower explosion limit:</u> <i>Remarks: not applicable</i> <i>Remarks: not applicable</i>
Explosive properties	: <u>Explosion danger:</u> <i>Remarks: Not explosive</i>
Relative density / Density	: 2.93 (Aragonite)2.71 (Calcite)
Bulk density	: from 300 - 600 kg/m <sup>3</sup>
Solubility	: 14 mg/l <i>Temperature: 25 °C ( 77 °F )</i> : slightly soluble : Water : Soluble in: : Acids : <i>Remarks: With release of CO<sub>2</sub></i>
Partition coefficient: n-octanol/water	: <i>Remarks: not applicable</i>

### 9.3. Other data

Melting point/range	: <i>Remarks: not applicable, Thermal decomposition</i>
Decomposition temperature	: > 250 °C ( 482 °F )

## 10. STABILITY AND REACTIVITY

### 10.1. Stability

- Contact with acids liberates CO<sub>2</sub>, sometimes violently.

### 10.2. Conditions to avoid

- none
- Keep at temperature not exceeding: 250 °C ( 482 °F )

### 10.3. Materials to avoid

- Acids

#### 10.4. Hazardous decomposition products

- Calcium oxyde

## 11. TOXICOLOGICAL INFORMATION

### Toxicological data

#### *Acute oral toxicity*

- LD50, rat, > 2,000 mg/kg

#### *Skin irritation*

- rabbit, No skin irritation

#### *Eye irritation*

- rabbit, Mild eye irritation

#### *Remarks*

- Health injuries are not known or expected under normal use.

## 12. ECOLOGICAL INFORMATION

### 12.1. Ecotoxicity effects

#### *Acute toxicity*

- Remarks: toxic threshold greater than its water solubility

### 12.2. Mobility

#### Air

Remarks: mobility as solid aerosols

#### Water, Soil

Remarks: low solubility and mobility

### 12.3. Persistence and degradability

#### *Abiotic degradation*

- Water, Soil, Hydrolysis

Result: acid/base equilibrium as a function of pH

Degradation products: carbonic acid/bicarbonate/carbonate / acid/base equilibrium as a function of pH

- Water, Soil

Result: complexation/precipitation of inorganic and organic materials

#### *Biodegradation*

- Remarks: The methods for determining biodegradability are not applicable to inorganic substances.

### 12.4. Bioaccumulative potential

- Result: not applicable

### 12.5. Other adverse effects

- no data available

### 12.6. Remarks

- Ecological injuries are not known or expected under normal use.
- Product fate is highly dependent on environmental conditions: pH, temperature, redox potential, mineral and organic content of the medium,...

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste from residues / unused products

- In accordance with local and national regulations.
- Can be landfilled, when in compliance with local regulations.
- Dispose of in accordance with the European Directives on waste and hazardous waste.

### 13.2. Packaging treatment

- Empty containers.
- Dispose of as unused product.
- Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.
- The empty and clean containers are to be reused in conformity with regulations.

### 13.3. RCRA Hazardous Waste

- Listed RCRA Hazardous Waste (40 CFR 302) - No
- Unlisted RCRA Hazardous Waste (40 CFR 302) - No

## 14. TRANSPORT INFORMATION

- not regulated
- It is recommended that ERG Guide number 111 be used for all non-regulated material.

## 15. REGULATORY INFORMATION

### 15.1. Inventory Information

<b>Toxic Substance Control Act list (TSCA)</b>	: -	In compliance with inventory.
<b>Australian Inventory of Chemical Substances (AICS)</b>	: -	In compliance with inventory.
<b>Canadian Domestic Substances List (DSL)</b>	: -	In compliance with inventory.
<b>Korea Existing Chemicals Inv. (KECI) (KECI (KR))</b>	: -	In compliance with inventory.
<b>EU list of existing chemical substances (EINECS)</b>	: -	In compliance with inventory.
<b>Japan (ENCS) List (ENCS (JP))</b>	: -	One or more components not listed on inventory.
<b>Inventory of Existing Chemical Substances (China) (IECS)</b>	: -	In compliance with inventory.
<b>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</b>	: -	In compliance with inventory.
<b>New Zealand Inventory (in preparation) (NZ)</b>	: -	In compliance with inventory.

### 15.2. Other regulations

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)**

- not regulated.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required**

- not regulated.

**US. EPA CERCLA Hazardous Substances (40 CFR 302)**

- not regulated.

**US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)**

- not regulated.

**US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)**

- yes.

**15.3. Classification and labelling**

**Canada. Canadian Environmental Protection Act (CEPA). WHMIS Ingredient Disclosure List (Can. Gaz., Part II, Vol. 122, No. 2)**

- Not listed

Remarks: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**EC Label**

- Preparation non classified according to Directive 1999/45/EC.

## 16. OTHER INFORMATION

**Ratings :**

**NFPA (National Fire Protection Association)**

Health = 1 Flammability = 0 Instability = 0 Special =None

**HMIS (Hazardous Material Information System)**

Health = 1 Fire = 0 Reactivity = 0 PPE : Supplied by User; dependent on local conditions

**Further information**

- Distribute new edition to clients  
This data sheet contains changes from the previous version in section(s): 15.3

Material Safety Data Sheets contain country specific regulatory information; therefore, the MSDS's provided are for use only by customers of the company mentioned in section 1 in North America. If you are located in a country other than Canada, Mexico or the United States, please contact the Solvay Group company in your country for MSDS information applicable to your location. The previous information is based upon our current knowledge and experience of our product and is not exhaustive. It applies to the product as defined by the specifications. In case of combinations or mixtures, one must confirm that no new hazards are likely to exist. In any case, the user is not exempt from observing all legal, administrative and regulatory procedures relating to the product, personal hygiene, and integrity of the work environment. (Unless noted to the contrary, the technical information applies only to pure product). To our actual knowledge, the information contained herein is accurate as of the date of this document. However, neither the company mentioned in section 1 nor any of its affiliates makes any warranty, express or implied, including merchantability or fitness for use, or accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. This is not a license under any patent or other proprietary right. The user alone must finally determine suitability of any information or material for any contemplated use, the manner of use

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