

# SAFETY DATA SHEET

PK5 PURGE TRAP 7, Part Number 5190-1445

## Section 1. Identification

This product is considered an article. This Safety Data Sheet is written based on the encapsulated substance or mixture in this article.

### 1.1 Product identifier

**Product name** : PK5 PURGE TRAP 7, Part Number 5190-1445  
**Part No. (Chemical Kit)** : 5190-1445  
**Part No.** : **FFENAX TA 60/80 (HT)** 1112510  
 CT WOOL-METHANOL WASHED 1203650  
 3% SP-2100 60/80 CHROM WAW 1202930  
**Validation date** : 7/20/2017

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

**Material uses** : Analytical chemistry.  
 Purge trap  
**FFENAX TA 60/80 (HT)**  
 CT WOOL-METHANOL WASHED  
 3% SP-2100 60/80 CHROM WAW

### 1.3 Details of the supplier of the safety data sheet

**Supplier/Manufacturer** : Agilent Technologies, Inc.  
 5301 Stevens Creek Blvd  
 Santa Clara, CA 95051, USA  
 800-227-9770

### 1.4 Emergency telephone number

**In case of emergency** : CHEMTREC®: 1-800-424-9300

## Section 2. Hazards identification

This article, when used under reasonable conditions and in accordance with the directions for use, should not present a health hazard. The substance or mixture is encapsulated in the article. Only if released due to use or processing of the article in a manner not in accordance with the product's directions for use it may present potential health and safety hazards.

### 2.1 Classification of the substance or mixture

**OSHA/HCS status** : **FFENAX TA 60/80 (HT)** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
 CT WOOL-METHANOL WASHED This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
 3% SP-2100 60/80 CHROM WAW This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Classification of the substance or mixture

**FFENAX TA 60/80 (HT)**  
 H315 SKIN IRRITATION - Category 2  
 H319 EYE IRRITATION - Category 2A  
 H335 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

**CT WOOL-METHANOL WASHED**  
 H315 SKIN IRRITATION - Category 2

## Section 2. Hazards identification

H319 EYE IRRITATION - Category 2A  
 H335 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3


### 3% SP-2100 60/80 CHROM WAW


H350 CARCINOGENICITY - Category 1A  
 H373 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (lungs) - Category 2


**Ingredients of unknown toxicity** : 3% SP-2100 60/80 CHROM WAW  
 Percentage of the mixture consisting of ingredient (s) of unknown dermal toxicity: > 60%  
 Percentage of the mixture consisting of ingredient (s) of unknown inhalation toxicity: > 60%  
 Percentage of the mixture consisting of ingredient (s) of unknown oral toxicity: > 60%

### 2.2 GHS label elements

#### Hazard pictograms

: FENAX TA 60/80 (HT) 

CT WOOL-METHANOL WASHED 

3% SP-2100 60/80 CHROM WAW 

#### Signal word

: FENAX TA 60/80 (HT) Warning  
 CT WOOL-METHANOL WASHED Warning  
 3% SP-2100 60/80 CHROM WAW Danger

#### Hazard statements






: FENAX TA 60/80 (HT) H319 - Causes serious eye irritation.  
 H315 - Causes skin irritation.  
 CT WOOL-METHANOL WASHED H335 - May cause respiratory irritation.  
 H319 - Causes serious eye irritation.  
 H315 - Causes skin irritation.  
 H335 - May cause respiratory irritation.  
 3% SP-2100 60/80 CHROM WAW H350 - May cause cancer.  
 H373 - May cause damage to organs through prolonged or repeated exposure. (lungs)

### Precautionary statements

#### Prevention

: FENAX TA 60/80 (HT) P280 - Wear protective gloves. Wear eye or face protection.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P261 - Avoid breathing dust.  
 P264 - Wash hands thoroughly after handling.  
 CT WOOL-METHANOL WASHED P280 - Wear protective gloves. Wear eye or face protection.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P261 - Avoid breathing dust.  
 P264 - Wash hands thoroughly after handling.  
 3% SP-2100 60/80 CHROM WAW P201 - Obtain special instructions before use.

## Section 2. Hazards identification

<b>Response</b>	:  ENAX TA 60/80 (HT)	<p>P202 - Do not handle until all safety precautions have been read and understood.</p> <p>P280 - Wear protective gloves. Wear eye or face protection. Wear protective clothing.</p> <p>P260 - Do not breathe dust or mist.</p> <p>P304 + P340 + P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.</p> <p>P302 + P352 + P362+P364 - IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.</p> <p>P332 + P313 - If skin irritation occurs: Get medical attention.</p> <p>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337 + P313 - If eye irritation persists: Get medical attention.</p>
	CT WOOL-METHANOL WASHED	<p>P304 + P340 + P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.</p> <p>P302 + P352 + P362+P364 - IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.</p> <p>P332 + P313 - If skin irritation occurs: Get medical attention.</p> <p>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337 + P313 - If eye irritation persists: Get medical attention.</p>
	3% SP-2100 60/80 CHROM WAW	<p>P304 + P340 + P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.</p> <p>P302 + P352 + P362+P364 - IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.</p> <p>P332 + P313 - If skin irritation occurs: Get medical attention.</p> <p>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337 + P313 - If eye irritation persists: Get medical attention.</p> <p>P314 - Get medical attention if you feel unwell.</p> <p>P308 + P313 - IF exposed or concerned: Get medical attention.</p>
<b>Storage</b>	:  ENAX TA 60/80 (HT) CT WOOL-METHANOL WASHED 3% SP-2100 60/80 CHROM WAW	<p>P405 - Store locked up.</p> <p>P405 - Store locked up.</p> <p>P405 - Store locked up.</p>
<b>Disposal</b>	:  ENAX TA 60/80 (HT)  CT WOOL-METHANOL WASHED  3% SP-2100 60/80 CHROM WAW	<p>P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.</p> <p>P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.</p> <p>P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.</p>
<b>Supplemental label elements</b>	:  ENAX TA 60/80 (HT) CT WOOL-METHANOL WASHED 3% SP-2100 60/80 CHROM WAW	<p>None known.</p> <p>None known.</p> <p>None known.</p>
<b>2.3 Other hazards</b>		
<b>Hazards not otherwise classified</b>	:  ENAX TA 60/80 (HT) CT WOOL-METHANOL WASHED 3% SP-2100 60/80 CHROM WAW	<p>None known.</p> <p>None known.</p> <p>None known.</p>

## Section 3. Composition/information on ingredients

This article, when used under reasonable conditions and in accordance with the directions for use, should not present a health hazard. The substance or mixture is encapsulated in the article. Only if released due to use or processing of the article in a manner not in accordance with the product's directions for use it may present potential health and safety hazards.

**Substance/mixture** : **TENAX TA 60/80 (HT)** Substance (encapsulated in article)  
**CT WOOL-METHANOL WASHED** Substance (encapsulated in article)  
**3% SP-2100 60/80 CHROM WAW** Mixture (encapsulated in article)

Ingredient name	%	CAS number
<b>TENAX TA 60/80 (HT)</b> Poly(oxy[1,1':3',1"-terphenyl]-2',5'-diyl)-	100	24938-68-9
<b>CT WOOL-METHANOL WASHED</b> Glass, oxide, chemicals	100	65997-17-3
<b>3% SP-2100 60/80 CHROM WAW</b> Kieselguhr, soda ash flux-calcined crystalite Siloxanes and Silicones, di-Me	≥50 - ≤75 ≥25 - ≤50 ≤5	68855-54-9 14464-46-1 63148-62-9

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### 4.1 Description of necessary first aid measures

**Eye contact** : **TENAX TA 60/80 (HT)** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**CT WOOL-METHANOL WASHED** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**3% SP-2100 60/80 CHROM WAW** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Inhalation** : **TENAX TA 60/80 (HT)** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get

## Section 4. First aid measures

medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**CT WOOL-METHANOL WASHED** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**3% SP-2100 60/80 CHROM WAW** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Skin contact

: **ENAX TA 60/80 (HT)**

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**CT WOOL-METHANOL WASHED** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**3% SP-2100 60/80 CHROM WAW** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

### Ingestion

: **ENAX TA 60/80 (HT)**

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get

## Section 4. First aid measures

CT WOOL-METHANOL WASHED	medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
3% SP-2100 60/80 CHROM WAW	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### 4.2 Most important symptoms/effects, acute and delayed

#### Potential acute health effects

<b>Eye contact</b>	: <b>☒</b> ENAX TA 60/80 (HT) CT WOOL-METHANOL WASHED 3% SP-2100 60/80 CHROM WAW	Causes serious eye irritation. Causes serious eye irritation. Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
<b>Inhalation</b>	: <b>☒</b> ENAX TA 60/80 (HT) CT WOOL-METHANOL WASHED 3% SP-2100 60/80 CHROM WAW	May cause respiratory irritation. May cause respiratory irritation. Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
<b>Skin contact</b>	: <b>☒</b> ENAX TA 60/80 (HT) CT WOOL-METHANOL WASHED 3% SP-2100 60/80 CHROM WAW	Causes skin irritation. Causes skin irritation. No known significant effects or critical hazards.
<b>Ingestion</b>	: <b>☒</b> ENAX TA 60/80 (HT) CT WOOL-METHANOL WASHED 3% SP-2100 60/80 CHROM WAW	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

## Section 4. First aid measures

<b>Eye contact</b>	: <b>ENAX TA 60/80 (HT)</b>	Adverse symptoms may include the following: pain or irritation watering redness
	CT WOOL-METHANOL WASHED	Adverse symptoms may include the following: pain or irritation watering redness
	3% SP-2100 60/80 CHROM WAW	Adverse symptoms may include the following: irritation redness

<b>Inhalation</b>	: <b>ENAX TA 60/80 (HT)</b>	Adverse symptoms may include the following: respiratory tract irritation coughing
	CT WOOL-METHANOL WASHED	Adverse symptoms may include the following: respiratory tract irritation coughing
	3% SP-2100 60/80 CHROM WAW	Adverse symptoms may include the following: respiratory tract irritation coughing

<b>Skin contact</b>	: <b>ENAX TA 60/80 (HT)</b>	Adverse symptoms may include the following: irritation redness
	CT WOOL-METHANOL WASHED	Adverse symptoms may include the following: irritation redness
	3% SP-2100 60/80 CHROM WAW	No specific data.

<b>Ingestion</b>	: <b>ENAX TA 60/80 (HT)</b>	No specific data.
	CT WOOL-METHANOL WASHED	No specific data.
	3% SP-2100 60/80 CHROM WAW	No specific data.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

<b>Notes to physician</b>	: <b>ENAX TA 60/80 (HT)</b>	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	CT WOOL-METHANOL WASHED	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	3% SP-2100 60/80 CHROM WAW	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

<b>Specific treatments</b>	: <b>ENAX TA 60/80 (HT)</b>	No specific treatment.
	CT WOOL-METHANOL WASHED	No specific treatment.
	3% SP-2100 60/80 CHROM WAW	No specific treatment.

<b>Protection of first-aiders</b>	: <b>ENAX TA 60/80 (HT)</b>	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
	CT WOOL-METHANOL WASHED	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

## Section 4. First aid measures

3% SP-2100 60/80 CHROM WAW No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	: FENAX TA 60/80 (HT)	Use an extinguishing agent suitable for the surrounding fire.
	CT WOOL-METHANOL WASHED	Use an extinguishing agent suitable for the surrounding fire.
	3% SP-2100 60/80 CHROM WAW	Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	: FENAX TA 60/80 (HT)	None known.
	CT WOOL-METHANOL WASHED	None known.
	3% SP-2100 60/80 CHROM WAW	None known.

### 5.2 Special hazards arising from the substance or mixture


<b>Specific hazards arising from the chemical</b>	: FENAX TA 60/80 (HT)	No specific fire or explosion hazard.
	CT WOOL-METHANOL WASHED	No specific fire or explosion hazard.
	3% SP-2100 60/80 CHROM WAW	No specific fire or explosion hazard.
<b>Hazardous thermal decomposition products</b>	: FENAX TA 60/80 (HT)	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	CT WOOL-METHANOL WASHED	Decomposition products may include the following materials: phosphorus oxides metal oxide/oxides
	3% SP-2100 60/80 CHROM WAW	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides

### 5.3 Advice for firefighters

<b>Special protective actions for fire-fighters</b>	: FENAX TA 60/80 (HT)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	CT WOOL-METHANOL WASHED	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	3% SP-2100 60/80 CHROM WAW	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.





## Section 5. Fire-fighting measures

<b>Special protective equipment for fire-fighters</b>	:  ENAX TA 60/80 (HT)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	CT WOOL-METHANOL WASHED	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	3% SP-2100 60/80 CHROM WAW	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

<b>For non-emergency personnel</b>	:  ENAX TA 60/80 (HT)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	CT WOOL-METHANOL WASHED	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	3% SP-2100 60/80 CHROM WAW	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
<b>For emergency responders</b>	:  ENAX TA 60/80 (HT)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	CT WOOL-METHANOL WASHED	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	3% SP-2100 60/80 CHROM WAW	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

## Section 6. Accidental release measures

<b>6.2 Environmental precautions</b>	: ENAX TA 60/80 (HT)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	CT WOOL-METHANOL WASHED	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	3% SP-2100 60/80 CHROM WAW	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### 6.3 Methods and materials for containment and cleaning up

<b>Methods for cleaning up</b>	: ENAX TA 60/80 (HT)	Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
	CT WOOL-METHANOL WASHED	Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
	3% SP-2100 60/80 CHROM WAW	Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling

<b>Protective measures</b>	: ENAX TA 60/80 (HT)	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	CT WOOL-METHANOL WASHED	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	3% SP-2100 60/80 CHROM WAW	Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

## Section 7. Handling and storage

Do not get in eyes or on skin or clothing. Do not breathe dust. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

### Advice on general occupational hygiene

: TENAX TA 60/80 (HT)

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

CT WOOL-METHANOL WASHED

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

3% SP-2100 60/80 CHROM WAW

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### 7.2 Conditions for safe storage, including any incompatibilities

: TENAX TA 60/80 (HT)

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

CT WOOL-METHANOL WASHED

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

3% SP-2100 60/80 CHROM WAW

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from

## Section 7. Handling and storage

incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

<b>Recommendations</b>	: <b>TENAX TA 60/80 (HT)</b> CT WOOL-METHANOL WASHED 3% SP-2100 60/80 CHROM WAW	Industrial applications, Professional applications. Industrial applications, Professional applications. Industrial applications, Professional applications.
<b>Industrial sector specific solutions</b>	: <b>TENAX TA 60/80 (HT)</b> CT WOOL-METHANOL WASHED 3% SP-2100 60/80 CHROM WAW	Not applicable. Not applicable. Not applicable.

## Section 8. Exposure controls/personal protection

Since the hazardous ingredient in this article is encapsulated, the risk of exposure by inhalation, ingestion, skin contact and eyes contact is minimum.

### 8.1 Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
<b>TENAX TA 60/80 (HT)</b> Poly(oxy[1,1':3',1"-terphenyl]-2',5'-diyl)-  <b>CT WOOL-METHANOL WASHED</b> Glass, oxide, chemicals          <b>3% SP-2100 60/80 CHROM WAW</b> Kieselguhr, soda ash flux-calcined          cristobalite	None.  <b>NIOSH REL (United States, 10/2013).</b> TWA: 3 f/cc 10 hours. Form: Fibers of spec length TWA: 3 f/cc 10 hours. Form: Fibers of spec length TWA: 5 mg/m <sup>3</sup> 10 hours. Form: Total <b>ACGIH TLV (United States, 3/2016).</b> TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction TWA: 1 f/cc 8 hours. Form: Respirable fibers: length greater than 5 uM; aspect ratio equal to or greater than 3:1 as determined by the membrane filter method at 400-450X magnification (4-mm objective) phase contrast illumination.  <b>ACGIH TLV (United States).</b> TWA: 0.025 mg/m <sup>3</sup> , (Silica. Crystalline) 8 hours. Form: Respirable fraction <b>NIOSH REL (United States, 10/2013).</b> TWA: 6 mg/m <sup>3</sup> 10 hours. <b>OSHA PEL Z3 (United States, 6/2016).</b> TWA: 250 mppcf / 2 x (%SiO <sub>2</sub> +5) 8 hours. Form: Respirable TWA: 10 mg/m <sup>3</sup> / 2 x (%SiO <sub>2</sub> +2) 8 hours. Form: Respirable

## Section 8. Exposure controls/personal protection

Siloxanes and Silicones, di-Me	<p>TWA: 30 mg/m<sup>3</sup> / 2 x (%SiO<sub>2</sub>+2) 8 hours. Form: Total dust <b>OSHA PEL 1989 (United States, 3/1989).</b> TWA: 0.05 mg/m<sup>3</sup>, (as quartz) 8 hours. Form: Respirable dust <b>OSHA PEL (United States, 6/2016).</b> TWA: 50 µg/m<sup>3</sup> 8 hours. Form: Respirable dust <b>ACGIH TLV (United States, 3/2016).</b> TWA: 0.025 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction <b>NIOSH REL (United States, 10/2013).</b> TWA: 0.05 mg/m<sup>3</sup> 10 hours. Form: respirable dust None.</p>
--------------------------------	---

### 8.2 Exposure controls

#### Appropriate engineering controls

- : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

#### Environmental exposure controls

- : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### Hygiene measures

- : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye/face protection

- : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

#### Skin protection

##### Hand protection

- : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

##### Body protection

- : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

##### Other skin protection

- : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### Respiratory protection

- : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

<b>Physical state</b>	: TENAX TA 60/80 (HT)	Solid.
	CT WOOL-METHANOL WASHED	Solid. [Fibrous solid.]
	3% SP-2100 60/80 CHROM WAW	Solid. [Powder.]
<b>Color</b>	: TENAX TA 60/80 (HT)	White.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	White.
<b>Odor</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	Not available.
<b>Odor threshold</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	Not available.
<b>pH</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	Not available.
<b>Melting point</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	>500°C (>932°F)
	3% SP-2100 60/80 CHROM WAW	1710°C (3110°F)
<b>Boiling point</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	2330°C (4226°F)
<b>Flash point</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	Not available.
<b>Evaporation rate</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	Not available.
<b>Flammability (solid, gas)</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	Not available.
<b>Lower and upper explosive (flammable) limits</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	Not available.
<b>Vapor pressure</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	Not available.
<b>Vapor density</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	Not available.
<b>Relative density</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	2.4 to 3
	3% SP-2100 60/80 CHROM WAW	2300 [Water = 1]
<b>Solubility</b>	: TENAX TA 60/80 (HT)	Insoluble in the following materials: cold water and hot water.
	CT WOOL-METHANOL WASHED	Insoluble in the following materials: cold water and hot water.
	3% SP-2100 60/80 CHROM WAW	Not available.
<b>Partition coefficient: n-octanol/water</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	Not available.

## Section 9. Physical and chemical properties

<b>Auto-ignition temperature</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	Not available.
<b>Decomposition temperature</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	>1000°C (>1832°F)
	3% SP-2100 60/80 CHROM WAW	Not available.
<b>Viscosity</b>	: TENAX TA 60/80 (HT)	Not available.
	CT WOOL-METHANOL WASHED	Not available.
	3% SP-2100 60/80 CHROM WAW	Not available.

## Section 10. Stability and reactivity

<b>10.1 Reactivity</b>	: TENAX TA 60/80 (HT)	No specific test data related to reactivity available for this product or its ingredients.
	CT WOOL-METHANOL WASHED	No specific test data related to reactivity available for this product or its ingredients.
	3% SP-2100 60/80 CHROM WAW	No specific test data related to reactivity available for this product or its ingredients.
<b>10.2 Chemical stability</b>	: TENAX TA 60/80 (HT)	The product is stable.
	CT WOOL-METHANOL WASHED	The product is stable.
	3% SP-2100 60/80 CHROM WAW	The product is stable.
<b>10.3 Possibility of hazardous reactions</b>	: TENAX TA 60/80 (HT)	Under normal conditions of storage and use, hazardous reactions will not occur.
	CT WOOL-METHANOL WASHED	Under normal conditions of storage and use, hazardous reactions will not occur.
	3% SP-2100 60/80 CHROM WAW	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>10.4 Conditions to avoid</b>	: TENAX TA 60/80 (HT)	No specific data.
	CT WOOL-METHANOL WASHED	No specific data.
	3% SP-2100 60/80 CHROM WAW	No specific data.
<b>10.5 Incompatible materials</b>	: TENAX TA 60/80 (HT)	May react or be incompatible with oxidizing materials.
	CT WOOL-METHANOL WASHED	May react or be incompatible with oxidizing materials.
	3% SP-2100 60/80 CHROM WAW	May react or be incompatible with oxidizing materials.
<b>10.6 Hazardous decomposition products</b>	: TENAX TA 60/80 (HT)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	CT WOOL-METHANOL WASHED	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	3% SP-2100 60/80 CHROM WAW	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not available.

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
<b>3% SP-2100 60/80 CHROM WAW</b> Siloxanes and Silicones, di-Me	Eyes - Mild irritant	Rabbit	-	1 hours 100 milligrams	-
	Eyes - Mild irritant	Rabbit	-	24 hours 100 microliters	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100 microliters	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 microliters	-

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Classification

Product/ingredient name	OSHA	IARC	NTP
<b>CT WOOL-METHANOL WASHED</b> Glass, oxide, chemicals	-	3	-
<b>3% SP-2100 60/80 CHROM WAW</b> Kieselguhr, soda ash flux-calcined cristobalite	-	3	-
	-	1	Known to be a human carcinogen.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
<b>TENAX TA 60/80 (HT)</b> Poly(oxy[1,1':3',1"-terphenyl]-2',5'-diyl)-	Category 3	Not applicable.	Respiratory tract irritation
<b>CT WOOL-METHANOL WASHED</b> Glass, oxide, chemicals	Category 3	Not applicable.	Respiratory tract irritation

#### Specific target organ toxicity (repeated exposure)



## Section 11. Toxicological information

Name	Category	Route of exposure	Target organs
<b>3% SP-2100 60/80 CHROM WAW</b> Kieselguhr, soda ash flux-calcined cristobalite	Category 2 Category 2	Not determined Not determined	Not determined lungs

### Aspiration hazard

Not available.

<b>Information on the likely routes of exposure</b>	: <b>ENAX TA 60/80 (HT)</b>	Routes of entry anticipated: Oral, Dermal, Inhalation.
	CT WOOL-METHANOL WASHED	Routes of entry anticipated: Oral, Dermal, Inhalation.
	3% SP-2100 60/80 CHROM WAW	Routes of entry anticipated: Dermal, Inhalation.

### Potential acute health effects

<b>Eye contact</b>	: <b>ENAX TA 60/80 (HT)</b>	Causes serious eye irritation.
	CT WOOL-METHANOL WASHED	Causes serious eye irritation.
	3% SP-2100 60/80 CHROM WAW	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
<b>Inhalation</b>	: <b>ENAX TA 60/80 (HT)</b>	May cause respiratory irritation.
	CT WOOL-METHANOL WASHED	May cause respiratory irritation.
	3% SP-2100 60/80 CHROM WAW	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
<b>Skin contact</b>	: <b>ENAX TA 60/80 (HT)</b>	Causes skin irritation.
	CT WOOL-METHANOL WASHED	Causes skin irritation.
	3% SP-2100 60/80 CHROM WAW	No known significant effects or critical hazards.
<b>Ingestion</b>	: <b>ENAX TA 60/80 (HT)</b>	No known significant effects or critical hazards.
	CT WOOL-METHANOL WASHED	No known significant effects or critical hazards.
	3% SP-2100 60/80 CHROM WAW	No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Eye contact</b>	: <b>ENAX TA 60/80 (HT)</b>	Adverse symptoms may include the following: pain or irritation watering redness
	CT WOOL-METHANOL WASHED	Adverse symptoms may include the following: pain or irritation watering redness
	3% SP-2100 60/80 CHROM WAW	Adverse symptoms may include the following: irritation redness
<b>Inhalation</b>	: <b>ENAX TA 60/80 (HT)</b>	Adverse symptoms may include the following: respiratory tract irritation coughing
	CT WOOL-METHANOL WASHED	Adverse symptoms may include the following: respiratory tract irritation coughing
	3% SP-2100 60/80 CHROM WAW	Adverse symptoms may include the following: respiratory tract irritation coughing

## Section 11. Toxicological information

<b>Skin contact</b>	: TENAX TA 60/80 (HT)	Adverse symptoms may include the following: irritation redness
	CT WOOL-METHANOL WASHED	Adverse symptoms may include the following: irritation redness
	3% SP-2100 60/80 CHROM WAW	No specific data.
<b>Ingestion</b>	: TENAX TA 60/80 (HT)	No specific data.
	CT WOOL-METHANOL WASHED	No specific data.
	3% SP-2100 60/80 CHROM WAW	No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Potential chronic health effects

<b>General</b>	: TENAX TA 60/80 (HT)	No known significant effects or critical hazards.
	CT WOOL-METHANOL WASHED	No known significant effects or critical hazards.
	3% SP-2100 60/80 CHROM WAW	May cause damage to organs through prolonged or repeated exposure. Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
<b>Carcinogenicity</b>	: TENAX TA 60/80 (HT)	No known significant effects or critical hazards.
	CT WOOL-METHANOL WASHED	No known significant effects or critical hazards.
	3% SP-2100 60/80 CHROM WAW	May cause cancer. Risk of cancer depends on duration and level of exposure.
<b>Mutagenicity</b>	: TENAX TA 60/80 (HT)	No known significant effects or critical hazards.
	CT WOOL-METHANOL WASHED	No known significant effects or critical hazards.
	3% SP-2100 60/80 CHROM WAW	No known significant effects or critical hazards.
<b>Teratogenicity</b>	: TENAX TA 60/80 (HT)	No known significant effects or critical hazards.
	CT WOOL-METHANOL WASHED	No known significant effects or critical hazards.
	3% SP-2100 60/80 CHROM WAW	No known significant effects or critical hazards.
<b>Developmental effects</b>	: TENAX TA 60/80 (HT)	No known significant effects or critical hazards.
	CT WOOL-METHANOL WASHED	No known significant effects or critical hazards.
	3% SP-2100 60/80 CHROM WAW	No known significant effects or critical hazards.
<b>Fertility effects</b>	: TENAX TA 60/80 (HT)	No known significant effects or critical hazards.
	CT WOOL-METHANOL WASHED	No known significant effects or critical hazards.
	3% SP-2100 60/80 CHROM WAW	No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
<b>3% SP-2100 60/80 CHROM WAW</b> Kieselguhr, soda ash flux-calcined	LC50 140 mg/l Fresh water	Fish - <i>Oncorhynchus mykiss</i>	96 hours
Siloxanes and Silicones, di-Me	Acute LC50 44.5 ppm Fresh water	Daphnia - <i>Daphnia magna</i> - Instar	48 hours

### 12.2 Persistence and degradability

Not available.

### 12.3 Bioaccumulative potential

Not available.

### 12.4 Mobility in soil

**Soil/water partition coefficient ( $K_{oc}$ )** : Not available.

**12.5 Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

### 13.1 Waste treatment methods

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.**

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

## Section 14. Transport information

This Safety Data Sheet is written based on the encapsulated substance or mixture in this article. Since the hazardous ingredient is encapsulated, the risk of exposure by inhalation, ingestion, skin contact and eyes contact is minimum.

**DOT / TDG / Mexico / IMDG / IATA** : Not regulated.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL and the IBC Code** : Not available.

## Section 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**U.S. Federal regulations** : **TSCA 8(a) PAIR:** Siloxanes and Silicones, di-Me  
**TSCA 8(a) CDR Exempt/Partial exemption:** Not determined

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

### SARA 302/304

#### Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

### SARA 311/312

**Classification** : **1** ENAX TA 60/80 (HT) Immediate (acute) health hazard  
 CT WOOL-METHANOL WASHED Immediate (acute) health hazard  
 3% SP-2100 60/80 CHROM WAW Delayed (chronic) health hazard

#### Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard

## Section 15. Regulatory information

<b>TENAX TA 60/80 (HT)</b> Poly(oxy[1,1':3',1"-terphenyl]-2',5'-diyl)-	100	No.	No.	No.	Yes.	No.
<b>CT WOOL-METHANOL WASHED</b> Glass, oxide, chemicals	100	No.	No.	No.	Yes.	No.
<b>3% SP-2100 60/80 CHROM WAW</b> Kieselguhr, soda ash flux-calcined cristobalite	≥50 - ≤75 ≥25 - ≤50	No. No.	No. No.	No. No.	No. No.	Yes. Yes.
Siloxanes and Silicones, di-Me	≤5	No.	No.	No.	Yes.	No.

### State regulations

- Massachusetts** :  The following components are listed: FIBROUS GLASS; CRISTOBALITE DUST
- New York** : None of the components are listed.
- New Jersey** : The following components are listed: SILICA, CRISTOBALITE; CRISTOBALITE (SiO<sub>2</sub>)
- Pennsylvania** :  The following components are listed: CRISTOBALITE DUST; CRISTOBALITE; SILICA AMORPHOUS DIATOMACEOUS EARTH (UNCALCINED)

### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause cancer.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
<b>3% SP-2100 60/80 CHROM WAW</b> Silica, crystalline	Yes.	No.	-	-

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

- Australia** :  All components are listed or exempted.
- Canada** : Not determined.
- China** :  All components are listed or exempted.
- Europe** :  All components are listed or exempted.
- Japan** :  **Japan inventory (ENCS):** All components are listed or exempted.  
 **Japan inventory (ISHL):** All components are listed or exempted.
- Malaysia** :  All components are listed or exempted.
- New Zealand** :  All components are listed or exempted.
- Philippines** : Not determined.
- Republic of Korea** : Not determined.

## Section 15. Regulatory information

<b>Taiwan</b>	: All components are listed or exempted.
<b>Thailand</b>	: <input checked="" type="checkbox"/> Not determined.
<b>Turkey</b>	: <input checked="" type="checkbox"/> Not determined.
<b>United States</b>	: All components are listed or exempted.
<b>Viet Nam</b>	: <input checked="" type="checkbox"/> Not determined.

## Section 16. Other information

### History

<b>Date of issue</b>	: 07/20/2017
<b>Date of previous issue</b>	: 11/24/2015.
<b>Version</b>	: 5

Indicates information that has changed from previously issued version.

### Notice to reader

**Disclaimer:** The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.