

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000Version Number 1.1
Revision Date 12/16/2015Page 1 of 18
Print Date 01/28/2016

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

Section 1. Identification

GHS product identifier : 16444-18 EXPE2701 WHITE 1000
Chemical name : Mixture
CAS number : Mixture
Other means of identification : VC10008885
Product type : solid

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

Product use : Industrial applications. Plastics.

Supplier's details : **POLYONE CORPORATION**
33587 Walker Road, Avon Lake, OH 44012

1 (440) 930-1000 or 1 (866) POLYONE

Emergency telephone number (with hours of operation) : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

Section 2. Hazards identification

This mixture has not been evaluated as a whole for health effects. All ingredients are bound in a PVC polymer matrix and potential for hazardous exposure as shipped is minimal. PVC resin is manufactured from Vinyl Chloride Monomer (VCM). PVC resin manufacturers take special efforts to strip residual VCM from their resins. Residual VCM in the resin is typically below 8.5 ppm. However, VCM is a known carcinogen. The end-user (fabricator) should take necessary precautions (mechanical ventilation, local exhaust, respiratory protection, etc.) to protect employees from exposure to any vapors or dusts that may be released during heating or fabrication. See Sections 8 and 11 for special precautions. After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : COMBUSTIBLE DUSTS
RESPIRATORY SENSITIZATION - Category 1

GHS label elements

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 2 of 18
Print Date 01/28/2016

Hazard pictograms

Signal word
Hazard statements

- : Danger
- : May form combustible dust concentrations in air.
- : May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statements

- General** : Not applicable.
- Prevention** : In case of inadequate ventilation wear respiratory protection. Avoid breathing dust.
- Response** : IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or physician.
- Storage** : Not applicable.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : Keep container tightly closed.
- Hazards not otherwise classified** : Fine dust clouds may form explosive mixtures with air. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Chemical name** : Mixture
- Other means of identification** : VC10008885

CAS number/other identifiers

| Ingredient name | % | CAS number |
|-----------------------|-------|------------|
| Calcium carbonate | 1 - 5 | 471-34-1 |
| Titanium dioxide | 1 - 5 | 13463-67-7 |
| Dibutyltin mercaptide | 1 - 5 | 10584-98-2 |

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 3 of 18
Print Date 01/28/2016

| | | |
|------------------|---------|----------|
| | | |
| Azodicarbonamide | 0.1 - 1 | 123-77-3 |

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

Description of necessary first aid measures

- Eye contact** : 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 if irritation occurs.
- Inhalation** : 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. In the event of any complaints or symptoms, avoid further exposure.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : 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.

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

 Version Number 1.1
 Revision Date 12/16/2015

 Page 4 of 18
 Print Date 01/28/2016

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

Most important symptoms/effects, acute and delayed
Potential acute health effects

- | | | |
|---------------------|---|---|
| Eye contact | : | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
| Inhalation | : | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Skin contact | : | No known significant effects or critical hazards. |
| Ingestion | : | No known significant effects or critical hazards. |

Over-exposure signs/symptoms

- | | | |
|---------------------|---|--|
| Eye contact | : | Adverse symptoms may include the following: irritation redness |
| Inhalation | : | Adverse symptoms may include the following: respiratory tract irritation coughing wheezing and breathing difficulties asthma |
| Skin contact | : | No specific data. |
| Ingestion | : | No specific data. |

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

- | | | |
|-----------------------------------|---|--|
| Notes to physician | : | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| Specific treatments | : | No specific treatment. |
| Protection of first-aiders | : | 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. |

See toxicological information (Section 11)

| |
|--|
| Section 5. Fire-fighting measures |
|--|

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 5 of 18
Print Date 01/28/2016

Extinguishing media

- Suitable extinguishing media** : Use dry chemical powder.
- Unsuitable extinguishing media** : Do not use water jet.
- Specific hazards arising from the chemical** : Fine dust clouds may form explosive mixtures with air.
- Hazardous thermal decomposition products** : May emit Hydrogen Chloride (HCl).
Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
sulfur oxides
halogenated compounds
metal oxide/oxides
- Special protective actions for fire-fighters** : 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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : 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
Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : 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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised 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".
- Environmental precautions** : 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).

Methods and materials for containment and cleaning up

16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 6 of 18
Print Date 01/28/2016

- Small spill** : Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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.
- Large spill** : Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. 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. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : 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.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from

SAFETY DATA SHEET


16444-18 EXPE2701 WHITE 1000

 Version Number 1.1
 Revision Date 12/16/2015

 Page 7 of 18
 Print Date 01/28/2016

incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. 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.

Section 8. Exposure controls/personal protection
Control parameters
Occupational exposure limits

| Ingredient name | Exposure limits |
|-----------------------|--|
| Calcium carbonate | OSHA PEL (1993-06-30) PEL: Permissible Exposure Level 15 mg/m ³ Form: Total dust PEL: Permissible Exposure Level 5 mg/m³ Form: Respirable fraction |
| Titanium dioxide | OSHA PEL 1989 (1989-03-01) PEL: Permissible Exposure Level 10 mg/m ³ Form: Total dust OSHA PEL (1993-06-30) PEL: Permissible Exposure Level 15 mg/m ³ Form: Total dust NIOSH REL (1994-06-01) ACGIH TLV (1996-05-18) TLV-TWA: Threshold Limit Value - Time weighted average PEL: Permissible Exposure Level 10 mg/m ³ |
| Dibutyltin mercaptide | OSHA PEL (1993-06-30) expressed as Sn PEL: Permissible Exposure Level 0.1 mg/m ³ NIOSH REL (1994-06-01) expressed as Sn Time Weighted Average (TWA) 0.1 mg/m ³ OSHA PEL 1989 (1989-03-01) expressed as Sn PEL: Permissible Exposure Level 0.1 mg/m ³ Form: Organic. ACGIH TLV (1996-05-18) expressed as Sn TLV-TWA: Threshold Limit Value - Time weighted average PEL: Permissible Exposure Level 0.1 mg/m ³ ACGIH TLV (1994-09-01) expressed as Sn TLV-STEL: Threshold Limit Value - Short Time Exposure Level 0.2 mg/m ³ |

Appropriate engineering controls : Use only with adequate ventilation. If user operations generate dust,

SAFETY DATA SHEET

**16444-18 EXPE2701 WHITE 1000**

Version Number 1.1
Revision Date 12/16/2015

Page 8 of 18
Print Date 01/28/2016

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. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

- 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: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust 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.

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 9 of 18
Print Date 01/28/2016

Respiratory protection : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

Appearance

| | |
|---|--|
| Physical state | : solid [Powder.] |
| Color | : WHITE |
| Odor | : Not available. |
| Odor threshold | : Not available. |
| pH | : Not available. |
| Melting point | : Not available. |
| Boiling point | : Not available. |
| Flash point | : Not available. |
| Burning time | : Not available. |
| Burning rate | : Not available. |
| Evaporation rate | : Not available. |
| Flammability (solid, gas) | : Not available. |
| Lower and upper explosive (flammable) limits | : Lower: Not available. Upper: Not available. |
| Vapor pressure | : Not available. |
| Vapor density | : Not available. |
| Relative density | : Not available. |
| Solubility | : Not available. |
| Solubility in water | : Not available. |
| Partition coefficient: n-octanol/water | : Not available. |
| Auto-ignition temperature | : Not available. |
| Decomposition temperature | : Not available. |
| SADT | : Not available. |
| Viscosity | : Dynamic: Not available. Kinematic: Not available. |

Section 10. Stability and reactivity

| | |
|---|--|
| Reactivity | : No specific test data related to reactivity available for this product or its ingredients. |
| Chemical stability | : Stable under recommended storage and handling conditions (see Section 7). |
| Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will |

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 10 of 18
Print Date 01/28/2016

- Conditions to avoid** : not occur.
: Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.
- Incompatible materials** : Avoid contact with acetal homopolymers and acetyl homopolymers during processing.
Reactive or incompatible with the following materials:
oxidizing materials
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|-------------------------|-----------------|------------|---------------|----------|
| Calcium carbonate | LD50 Oral | Rat | 6,450 mg/kg | - |
| Titanium dioxide | LC50 Inhalation | Rat - Male | 6.82 Mg/l | 4 h |
| | LD50 Dermal | Rabbit | > 5,000 mg/kg | - |
| Dibutyltin mercaptide | LD50 Oral | Rat | 510 mg/kg | - |
| Azodicarbonamide | LD50 Oral | Rat | 6,400 mg/kg | - |

Conclusion/Summary : Mixture. Not fully tested.

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|-------------------------|--------------------------|---------|-------|----------|-------------|
| Calcium carbonate | Eyes - Severe irritant | Rabbit | | 24 hrs | - |
| | Skin - Moderate irritant | Rabbit | | 24 hrs | - |
| Titanium dioxide | Skin - Mild | Human | | 72 hrs | - |

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 11 of 18
Print Date 01/28/2016

| | | | | | |
|--|----------|--|--|--|--|
| | irritant | | | | |
|--|----------|--|--|--|--|

Conclusion/Summary

Skin : Mixture.Not fully tested.
Eyes : Mixture.Not fully tested.
Respiratory : Mixture.Not fully tested.

Sensitization**Conclusion/Summary**

Skin : Mixture.Not fully tested.
Respiratory : Mixture.Not fully tested.

Mutagenicity

Conclusion/Summary : Mixture.Not fully tested.

Carcinogenicity

Conclusion/Summary : Mixture.Not fully tested.

Classification

| Product/ingredient name | OSHA | IARC | NTP |
|-------------------------|------|------|-----|
| Titanium dioxide | | 2B | |

Reproductive toxicity

Conclusion/Summary : Mixture.Not fully tested.

Teratogenicity

Conclusion/Summary : Mixture.Not fully tested.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Not available.

Potential acute health effects

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 12 of 18
Print Date 01/28/2016

| | | |
|---------------------|---|---|
| Eye contact | : | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
| Inhalation | : | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Skin contact | : | No known significant effects or critical hazards. |
| Ingestion | : | No known significant effects or critical hazards. |

Symptoms related to the physical, chemical and toxicological characteristics

| | | |
|---------------------|---|--|
| Eye contact | : | Adverse symptoms may include the following: irritation redness |
| Inhalation | : | Adverse symptoms may include the following: respiratory tract irritation coughing wheezing and breathing difficulties asthma |
| Skin contact | : | No specific data. |
| Ingestion | : | 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

| | | |
|------------------------------|---|--|
| Conclusion/Summary | : | Mixture. Not fully tested. |
| General | : | Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. |
| Carcinogenicity | : | No known significant effects or critical hazards. |
| Mutagenicity | : | No known significant effects or critical hazards. |
| Teratogenicity | : | No known significant effects or critical hazards. |
| Developmental effects | : | No known significant effects or critical hazards. |
| Fertility effects | : | No known significant effects or critical hazards. |

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 13 of 18
Print Date 01/28/2016

Numerical measures of toxicity**Acute toxicity estimates**

| Route | ATE value |
|-------|--------------|
| Oral | 48,145 mg/kg |

Section 12. Ecological information
Toxicity

| Product/ingredient name | Result | Species | Exposure |
|-------------------------|--|---------------------------------------|----------|
| Calcium carbonate | | | |
| | Acute LC50 > 56,000 mg/l Fresh water | Fish - Fish | 96 h |
| | Chronic NOEC 61,000 mg/l Fresh water | Fish - Fish | 28 d |
| | Chronic NOEC 61,000 mg/l Fresh water | Fish - Fish | 35 d |
| | Chronic NOEC 61,000 mg/l Fresh water | Fish - Fish | 42 d |
| | Chronic NOEC 61,000 mg/l Fresh water | Fish - Fish | 35 d |
| | Chronic NOEC 61,000 mg/l Fresh water | Fish - Fish | 42 d |
| Titanium dioxide | | | |
| | Acute LC50 > 1,000,000 µg/l Marine water | Fish - Fish | 96 h |
| | Acute LC50 > 1,000 mg/l Fresh water | Fish - Fish | 96 h |
| | Acute LC50 13 mg/l Fresh water | Aquatic invertebrates. Daphnia | 48 h |
| | Acute LC50 6.5 mg/l Fresh water | Aquatic invertebrates. Daphnia | 48 h |
| | Acute LC50 3 mg/l Fresh water | Aquatic invertebrates. Crustaceans | 48 h |
| | Acute LC50 15.9 mg/l Fresh water | Aquatic invertebrates. Crustaceans | 48 h |
| | Acute LC50 3.6 mg/l Fresh water | Aquatic invertebrates. Crustaceans | 48 h |
| | Acute LC50 11 mg/l Fresh water | Aquatic invertebrates. | 48 h |

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 14 of 18
Print Date 01/28/2016

| | | | |
|--|------------------------------------|---------------------------------------|------|
| | | Crustaceans | |
| | Acute LC50 13.4 mg/l Fresh water | Aquatic invertebrates. Crustaceans | 48 h |
| | Acute EC50 27.8 mg/l Fresh water | Aquatic invertebrates. Daphnia | 48 h |
| | Acute EC50 19.3 mg/l Fresh water | Aquatic invertebrates. Daphnia | 48 h |
| | Acute EC50 35.306 mg/l Fresh water | Aquatic invertebrates. Daphnia | 48 h |

Conclusion/Summary : Not available.

Persistence and degradability

Conclusion/Summary : Not available.

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|--------|-----------|
| Titanium dioxide | | 352.00 | low |
| Dibutyltin mercaptide | 3.4 | - | low |
| Azodicarbonamide | 1 | - | low |

Mobility in soil

Soil/water partition coefficient (KOC) : Not available.

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

Section 13. Disposal considerations

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

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 15 of 18
Print Date 01/28/2016

and sewers.

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

Section 14. Transport information

U.S. DOT Classification : Not regulated for transportation.
ICAO/IATA : Consult mode specific transport rules
IMO/IMDG (maritime) : Consult mode specific transport rules

Section 15. Regulatory information

U.S. Federal regulations : **United States - TSCA 12(b) - Chemical export notification:** None of the components are listed.
United States - TSCA 4(a) - Final Test Rules: Not listed
United States - TSCA 4(a) - ITC Priority list: Not listed
United States - TSCA 4(a) - Proposed test rules: Not listed
United States - TSCA 4(f) - Priority risk review: Not listed
United States - TSCA 5(a)2 - Final significant new use rules: Not listed
United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed
United States - TSCA 5(e) - Substances consent order: Not listed
United States - TSCA 6 - Final risk management: Not listed
United States - TSCA 6 - Proposed risk management: Not listed
United States - TSCA 8(a) - Chemical risk rules: Not listed
United States - TSCA 8(a) - Dioxin/Furane precursor: Not listed
United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined
United States - TSCA 8(a) - Preliminary assessment report (PAIR): Not listed
United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed
United States - TSCA 8(d) - Health and safety studies: Not listed
United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Miscellaneous Zinc Compounds
Vinyl chloride monomer

United States - EPA Clean water act (CWA) section 311 - Hazardous substances: Not listed

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 16 of 18
Print Date 01/28/2016

United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed
United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed
United States - Department of commerce - Precursor chemical: Not listed

Clean Air Act Section 112(b) : Not listed
Hazardous Air Pollutants (HAPs)
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

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification : Fire hazard
Immediate (acute) health hazard

Composition/information on ingredients

| Name | % | Classification |
|-----------------------|---------|----------------|
| Calcium carbonate | 1 - 5 | AH |
| Titanium dioxide | 1 - 5 | CH |
| Dibutyltin mercaptide | 1 - 5 | AH |
| Azodicarbonamide | 0.1 - 1 | AH |

SARA 313

Not applicable.

State regulations

Massachusetts : The following components are listed:
Titanium dioxide
New York : None of the components are listed.

SAFETY DATA SHEET

16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 17 of 18
Print Date 01/28/2016

- New Jersey** : The following components are listed:
Ethene, chloro-, homopolymer
Titanium dioxide
- Pennsylvania** : The following components are listed:
Titanium dioxide

California Prop. 65

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

- United States inventory (TSCA 8b)** : All components are listed or exempted.
- Canada inventory** : At least one component is not listed in DSL but all such components are listed in NDSL.

International regulations

- International lists** :
- Australia inventory (AICS):** Not determined.
 - Taiwan inventory (CSNN):** Not determined.
 - Malaysia Inventory (EHS Register):** Not determined.
 - EINECS:** Not determined.
 - Japan inventory:** Not determined.
 - China inventory (IECSC):** Not determined.
 - Korea inventory:** Not determined.
 - New Zealand Inventory of Chemicals (NZIoC):** Not determined.
 - Philippines inventory (PICCS):** Not determined.
- Chemical Weapons Convention List Schedule I Chemicals** : Not listed
- Chemical Weapons Convention List Schedule II Chemicals** : Not listed
- Chemical Weapons Convention List Schedule III Chemicals** : Not listed

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| Section 16. Other information |
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History

- Date of printing** : 01/28/2016
- Date of issue/Date of revision** : 12/16/2015
- Date of previous issue** : 11/05/2012
- Version** : 1.1
- Key to abbreviations** :
- ATE = Acute Toxicity Estimate
 - BCF = Bioconcentration Factor
 - GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 - IATA = International Air Transport Association
 - IBC = Intermediate Bulk Container

SAFETY DATA SHEET



16444-18 EXPE2701 WHITE 1000

Version Number 1.1
Revision Date 12/16/2015

Page 18 of 18
Print Date 01/28/2016

IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution
From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine
pollution)
UN = United Nations
: Not available.

References

Notice to reader

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