



## **SAFETY DATA SHEET**

**Uroflex 65 PIC**

**A-COMPONENT**

**Revised July 01, 2021**

### **1. IDENTIFICATION**

Product Identifier used on label:

**Uroflex 65 PIC**

#### **Details of supplier of the Safety Data Sheet**

Company:

Pilgrim Permocoat, Inc.

402 S 22nd Street

Tampa, Florida 33605

Phone: 813-248-3328

#### **Emergency telephone number**

CHEMTREC: 800-424-9300

### **2. HAZARDS IDENTIFICATION**

#### **Classification of the product**

Acute Tox.	4 (Inhalation – mist)	Acute Toxicity
Eye Dam./Irrit.	1	Serious eye damage/eye irritation
Skin Corr./Irrit.	2	Skin corrosion/irritation
Skin Sens.	1B	Skin sensitization

#### **Label Elements**

Pictogram:



#### **Signal Words**

Danger

#### **Hazard Statements**

H318 Causes serious eye damage

H315	Causes skin irritation
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H317	May cause an allergic skin reaction
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure

#### **Precautionary Statements (Prevention)**

P280	Wear protective gloves and clothing with eye and face protection
P271	Use only outdoors or in a well-ventilated area
P260	Do not breathe dust/gas/mist/vapors
P201	Obtain special instructions before use
P261	Avoid breathing mist
P202	Do not handle until all safety precautions have been read and understood
P284	(In case of inadequate ventilation) wear respiratory protection
P272	Contaminated work clothing should not be allowed out of the workplace
P264	Wash with plenty of water and soap thoroughly after handling

#### **Precautionary Statements (Response)**

P312	Call a POISON CENTER or doctor/physician if you feel unwell
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing
P308 + P311	If exposed or concerned: Call a POISON CENTER or doctor/physician
P314	Get medical advice/attention if you feel unwell
P303 + P352	IF ON SKIN (or hair): Wash with plenty of soap and water
P333 + P311	If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician
P362 + P364	Take off contaminated clothing and wash before reuse
P332 + P313	If skin irritation occurs: Get medical advice/attention
P337 + P311	If eye irritation persists: Call a POISON CENTER or doctor/physician

#### **Precautionary Statements (Storage)**

P403 +P233	Store in a well-ventilated place. Keep container tightly closed
P405	Store locked up

#### **Precautionary Statements (Disposal)**

P501	Dispose of contents/container to hazardous or special waste collection point
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#### **Hazards not otherwise classified**

No specific dangers known, if the regulations/notes for storage and handling are considered

#### **Emergency Overview**

##### **WARNING:**

CONTAINS ISOCYANATES. INHALATION OF ISOCYANATE MISTS OR VAPORS MAY CAUSE RESPIRATORY IRRITATION, BREATHLESSNESS, CHEST DISCOMFORT AND REDUCED PULMONARY FUNCTION. OVEREXPOSURE WELL ABOVE THE PEL MAY RESULT IN BRONCHITIS, BRONCHIAL SPASMS AND PULMONARY EDEMA. LONG-TERM EXPOSURE TO ISOCYANATES HAS BEEN REPORTED TO CAUSE LUNG DAMAGE, INCLUDING REDUCED LUNG FUNCTION WHICH MAY BE PERMANENT. ACUTE OR CHRONIC OVEREXPOSURE TO ISOCYANATES MAY CAUSE SENSITIZATION IN SOME INDIVIDUALS, RESULTING IN ALLERGIC RESPIRATORY REACTIONS INCLUDING WHEEZING, SHORTNESS OF BREATH AND DIFFICULTY BREATHING. ANIMAL TESTS INDICATE THAT SKIN CONTACT MAY PLAY A ROLE IN CAUSING RESPIRATORY SENSITIZATION. AVOID CONTACT WITH SKIN AND EYES. SKIN OR EYE CONTACT MAY CAUSE IRRITATION.

### 3. COMPOSITION /INFORMATION ON INGREDIENTS

<u>Component</u>	<u>%</u>	<u>CAS#</u>
Hexane 1,6 Diisocyanate	50	28182-81-2
Hexamethylene Diisocyanate	50	822-06-0Y

### 4. FIRST AID

#### Description of first aid measures

##### General advice:

Remove contaminated clothing.

##### If inhaled:

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

##### If on skin:

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes: In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Immediate medical attention required.

##### If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

Indication of any immediate medical attention and special treatment needed

Note to physician

Antidote: Specific antidotes or neutralizers to isocyanates do not exist

Treatment: Treatment should be supportive and based on the judgement of the physician in response to the reaction of the patient

### 5. FIRE FIGHTING MEASURES

#### Extinguishing Media

Suitable extinguishing media: water spray, dry powder, carbon dioxide, foam

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

Hazards during fire-fighting: nitrous gases, fumes/smoke, isocyanate, vapor

#### Advice for fire-fighters

Protective equipment for fire-fighting: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

#### Further information

Keep containers cool by spraying with water if exposed to fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### 6. ACCIDENTAL RELEASE MEASURES

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

Clear area. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

#### Environmental precautions

Do not discharge into drains/surface waters/groundwater.

### **Methods and material for containment and cleaning up**

For small amounts: Absorb isocyanate with suitable absorbent material (see § 40 CFR, sections 260, 264 and 265 for further information). Shovel into open container. Do not make container pressure tight. Move container to a well-ventilated area (outside). Spill area can be decontaminated with the following recommended decontamination solution: Mixture of 90 % water, 8 % concentrated ammonia, 2 % detergent. Add at a 10 to 1 ratio. Allow to stand for at least 48 hours to allow escape of evolved carbon dioxide.

For large amounts: If temporary control of isocyanate vapor is required, a blanket of protein foam or other suitable foam (available from most fire departments) may be placed over the spill. Transfer as much liquid as possible via pump or vacuum device into closed but not sealed containers for disposal.

For residues: The following measures should be taken for final cleanup: Wash down spill area with decontamination solution. Allow solution to stand for at least 10 minutes. Dike spillage.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

Provide suitable exhaust ventilation at the processing machines. Ensure thorough ventilation of stores and work areas. Avoid aerosol formation. When handling heated product, vapors of the product should be ventilated, and respiratory protection used. Wear respiratory protection when spraying. Danger of bursting when sealed gastight. Protect against moisture. If bulging of drum occurs, transfer to well ventilated area, puncture to relieve pressure, open vent and let stand for 48 hours before resealing.

### **Protection against fire and explosion:**

No explosion proofing necessary.

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

Keep away from water. Segregate from foods and animal feeds. Segregate from acids and bases. Segregate from bases.

Suitable materials for containers: Carbon steel (Iron), High density polyethylene (HDPE), Low density polyethylene (LDPE), Stainless steel 1.4301 (V2)

Further information on storage conditions: Formation of CO<sub>2</sub> and build up of pressure possible. Keep container tightly closed and in a well-ventilated place. Outage of containers should be filled with dry inert gas at atmospheric pressure to avoid reaction with moisture.

Storage stability: Storage temperature: 16 - 27 °C

## **8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

### **Advice on system design:**

Provide local exhaust ventilation to maintain recommended P.E.L.

### **Personal protective equipment**

#### Respiratory protection:

When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators. When atmospheric levels may exceed the occupational exposure limit (PEL or TLV) NIOSH-certified air-purifying respirators equipped with an organic vapor sorbent and particulate filter can be used as long as appropriate precautions and change out schedules are in place. For emergency or non-routine, high exposure situations, including confined space entry, use a NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

#### Hand protection:

Chemical resistant protective gloves should be worn to prevent all skin contact. Suitable materials may include, chloroprene rubber (Neoprene), nitrile rubber (Buna N), chlorinated polyethylene, polyvinylchloride (Pylox), butyl rubber, depending upon conditions of use.

Eye protection:

Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

Body protection:

Cover as much of the exposed skin as possible to prevent all skin contact. Suitable materials may include, saran-coated material, depending upon conditions of use.

General safety and hygiene measures:

Wear protective clothing as necessary to prevent contact. Eye wash fountains and safety showers must be easily accessible. Observe the appropriate PEL or TLV value. Wash soiled clothing immediately. Contaminated equipment or clothing should be cleaned after each use or disposed of.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Odor:	Faintly aliphatic
Odor Threshold:	N/A
Color:	Clear
pH Value:	N/A
Freezing Point:	-13 degrees C
Boiling Point:	200 degrees C
Sublimation Point:	No applicable information available
Flash Point:	>200 degrees C
Flammability:	Not flammable
Autoignition:	>470 degrees C
Vapor Pressure:	0.00001 mmHg
Density:	9.4 lbs./gal.
Relative Density:	No applicable information available
Vapor Density:	N/A
Partitioning coefficient (log Pow)	N/A
Self-Ignition Temperature:	This product is not classified as self-igniting
Thermal Decomposition:	No decomposition if handled and stored as prescribed/indicated.
Viscosity, dynamic:	330.000 mPa.s
Viscosity, kinematic:	No applicable information available
Solubility in water:	Reacts with water
Miscibility with water:	Reacts with water
Solubility (Quantitative):	No applicable information required
Solubility (Qualitative):	No applicable information required
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure
Other information:	If necessary, information on other physical and chemical parameters is indicated in this section

## 10. STABILITY AND REACTIVITY

### Reactivity

Corrosion to metals:

No corrosive effect on metal.

Oxidizing properties:

Not an oxidizer.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

Reacts with water, with formation of carbon dioxide. Risk of bursting. Reacts with alcohols. Reacts with acids. Reacts with alkalis. Reacts with amines. Risk of exothermic reaction. Risk of polymerization. Contact with certain rubbers and plastics can cause brittleness of the substance/product with subsequent loss in strength.

**Conditions to avoid**

Avoid moisture.

**Incompatible materials**

Acids, amines, alcohols, water, Alkaline, strong bases, Substances/products that react with isocyanates.

**Hazardous decomposition products**

Decomposition products:

Hazardous decomposition products: carbon monoxide, carbon dioxide, nitrogen oxide, hydrogen cyanide, nitrogen oxides, aromatic isocyanates, gases/vapors

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

**11. TOXICOLOGICAL INFORMATION**

**Primary routes of exposure**

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

**Acute Toxicity/Effects**

Acute toxicity

Assessment of acute toxicity: Inhalation of vapors may cause irritation of the mucous membranes of the nose, throat or trachea, breathlessness, chest discomfort, difficult breathing and reduced pulmonary function. Inhalation exposure well above the PEL may result additionally in eye irritation, headache, chemical bronchitis, asthma-like findings or pulmonary edema. Isocyanates have also been reported to cause hypersensitivity pneumonitis, which is characterized by flu-like symptoms, the onset of which may be delayed.

**Chronic Health Hazard**

No evidence of mutagenic activity was observed in a bacterial mutation assay.

**Symptoms of Exposure**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11, Eye irritation, skin irritation, allergic symptoms

Medical conditions aggravated by overexposure

The isocyanate component is a respiratory sensitizer. It may cause allergic reaction leading to asthma-like spasms of the bronchial tubes and difficulty in breathing. Medical supervision of all employees who handle or come into contact with isocyanates is recommended. Contact may aggravate pulmonary disorders. Persons with history of respiratory disease or hypersensitivity should not be exposed to this product. Pre-employment and periodic medical examinations with respiratory function tests (FEV, FVC as a minimum) are suggested. Persons with asthmatic conditions, chronic bronchitis, other chronic respiratory diseases, recurrent eczema or pulmonary sensitization should be excluded from working with isocyanates. Once a person is diagnosed as having pulmonary sensitization (allergic asthma) to isocyanates, further exposure is not recommended.

**12. ECOLOGICAL INFORMATION**

**Toxicity**

Aquatic toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. Based on long-term (chronic) toxicity study data, the product is very likely not harmful to aquatic organisms.

The product may hydrolyze. The test result maybe partially due to degradation products. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Toxicity to fish

LC0 (96 h) > 1,000 mg/l, Brachydanio rerio (OECD Guideline 203, static)

#### Aquatic invertebrates

EC50 (24 h) > 1,000 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

#### Aquatic plants

EC0 (72 h) 1,640 mg/l (growth rate), Scenedesmus subspicatus (OECD Guideline 201, static)

### **Persistence and degradability**

#### Assessment biodegradation and elimination (H2O)

Poorly biodegradable. The product is unstable in water. The elimination data also refer to products of hydrolysis.

#### Elimination information

0 % BOD of the ThOD (28 d) (OECD Guideline 302 C) (aerobic, activated sludge) Poorly biodegradable.

#### Assessment of stability in water

In contact with water the substance will hydrolyze slowly.

#### Information on Stability in Water (Hydrolysis)

t<sub>1/2</sub> 20 h (25 °C)

### **Bioaccumulative potential**

#### Assessment bioaccumulation potential

Significant accumulation in organisms is not to be expected.

### **Mobility in soil**

#### Assessment transport between environmental compartments

The substance will not evaporate into the atmosphere from the water surface.

Adsorption to solid soil phase is not expected.

## **13. DISPOSAL CONSIDERATION (INCLUDING CONTAINER)**

### **Waste disposal of substance:**

Incinerate or dispose of in a licensed facility. Do not discharge substance/product into sewer system.

### **Container disposal:**

#### **DRUMS:**

Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Do not attempt to refill or clean containers since residue is difficult to remove. Under no circumstances should empty drums be burned or cut open with gas or electric torch as toxic decomposition products may be liberated. Do not reuse empty containers.

## **14. TRANSPORT AND INFORMATION**

### **Land Transport**

#### US DOT

Not classified as a dangerous good under transport regulations

**Sea Transport**

IMDG

Not classified as a dangerous good under transport regulations

**Air Transport**

IATA/ICAO

Not classified as a dangerous good under transport regulations

**Further Regulations**

DOT: This product is regulated if the amount in a single receptacle exceeds the Reportable Quantity (RQ). Please refer to Section 15 of this SDS for the RQ for this product.

**15. REGULATORY INFORMATION:**

Toxic Substance Control Act (TSCA) 12(b) Component(s): None.

OSHA Hazard Communication Standard (29 CFR 1910.1 200) Hazard Class Irritant.

**Country Regulatory list Notification**

USA TSCA Included on Inventory.

EU EINECS Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer.

Canada DSL Not on Inventory. Notifications have been submitted to Environment Canada.

Australia AICS Not on Inventory.

Japan ENCS Covered by low volume exemption. Not on inventory.

South Korea ECL Included on Inventory.

China SEPA Air Products has received a polymer exemption from the Chinese government to import, manufacture or use.

Philippines PICCS Not on Inventory.

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification Acute Health Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

**16. OTHER INFORMATION**

**SDS Prepared by:**

Pilgrim Permocoat, Inc.

SDS Prepared on: 07/01/2021

Disclaimer/Statement of Liability:

The data in this Safety Data Sheet is offered for your consideration, investigation and verification. The data is presented in good faith and was obtained from sources Pilgrim Permocoat Inc. believes to be reliable. Pilgrim Permocoat Inc. however, makes no representation as to the completeness or accuracy. Pilgrim Permocoat Inc. makes no warranty, express or implied, with respect to the data contained herein. Pilgrim Permocoat Inc. cannot anticipate all conditions under which this data and the product may be used. The conditions of handling, storage, use, and disposal of the product are beyond Pilgrim Permocoat Inc. control. Thus, we expressly disclaim responsibility or liability for any loss, damage or expense arising out of reliance on the information contained herein. You are advised to make your own determination as to safety, suitability and appropriate manner of handling, storage, use and disposal.

**END OF SAFETY DATA SHEET**





# **SAFETY DATA SHEET**

**Uroflex 65 PIC Resin**  
**B-COMPONENT Revised**  
**July 01, 2021**

## **1. IDENTIFICATION**

Product Identifier used on label:  
**Uroflex 65 TU, B Component**

### **Details of supplier of the Safety Data Sheet**

Company:  
Pilgrim Permocoat, Inc.  
402 S 22nd Street  
Tampa, Florida 33605  
Phone: 813-248-3328

**Emergency telephone number**  
CHEMTREC: 800-424-9300

## **2. HAZARDS IDENTIFICATION**

**GHS Classification**  
Not Classified

### **Label Elements**

Pictogram:



**Signal Word:**  
Warning

### **Hazard Statements**

H302	Harmful if swallowed
H319	Causes serious eye irritation

### **Precautionary Statements (Prevention)**

P264	Wash exposed skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product

P280 Wear protective gloves/clothing and eye/face protection.

#### Precautionary Statements (Response)

P330 Call a POISON CENTER or doctor/physician if you feel unwell  
P301 + P312 IF SWALLOWED: Call POISON CENTER or doctor/physician if you feel unwell  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337 + P313 Get medical advice/attention

#### Precautionary Statements (Disposal)

P501 Dispose of contents/container to hazardous or special waste collection point

#### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered

### 3. COMPOSITION /INFORMATION ON INGREDIENTS

<u>Component:</u>	<u>%</u>	<u>CAS#</u>
Aspartic Ester	70	N/A
Monoaspartate	20	N/A
Aliphatic Carboxylic Ester	10	623-91-6

### 4. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Move exposed person to fresh air. If breathing is labored, oxygen should be administered by qualified personnel.

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

After contact with skin, wash immediately with plenty of warm, soapy water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Provided the patient is conscious, wash out mouth with water. Get medical attention if symptoms appear.

### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Foam, Halogenated Agents or dry powder.

#### Caution:

Heating or fire can release toxic gas.

#### Hazardous decomposition products:

Combustion products may include: carbon monoxide, carbon dioxide, nitrogen oxides, and hydrocarbons.

#### 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.

#### 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. PVC boots, gloves, safety helmet and protective clothing should be worn.

### 6. ACCIDENTAL RELEASE MEASURES

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. Do not breathe

vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

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).

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 7. HANDLING AND STORAGE

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where 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. Do not get into eyes.

Do not breathe vapor or mist. Do not ingest. 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 may be hazardous.

Material is to be stored in accordance with local regulations. Store in original container protected from direct sunlight in a dry and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. 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.

Unsuitable containers: Do not store in containers made of copper, copper alloys or galvanized surfaces.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**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. Smell is not an adequate indicator of hazard.

**Ventilation:** 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.

**Protective Gear:** In case of inadequate ventilation, wear respiratory protection. 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.

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all time when handling chemical products if a risk assessment indicates this is necessary.

Safety eyewear complying with an approved standard should be used when a risk assessment indicate this is necessary to avoid exposure to liquid splashes, mists or dusts.

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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Color: as specified (normally yellowish clear)  
Appearance: liquid  
Odor: slight  
Boiling Point: Decomposes at 341°C, 646°F  
Melting Point: Not applicable  
Vapor Pressure: mmHg at 20 °C <0.0001  
Vapor Density: Not available  
pH: Not available  
Saturation In Air (% By Vol.): Not available  
Evaporation Rate: Not available  
Solubility In Water: miscible  
Volatile Organic Content: 0 %  
Flammable Limits (% By Vol): Not available  
Decomposition Temperature: Not available  
Viscosity (Kinematic): Not available

## 10. STABILITY AND REACTIVITY

Reactive with water or any material containing active hydrogen such as alcohols, ammonia, amines, alkalis and acids. Reaction with water is accelerated at elevated temperatures and in the presence of alkalis, amines and metal compounds. Some reactions can be violent.

Hazardous Combustion Products: CO<sub>2</sub>, CO, Nitrogen Oxide, ammonia and trace amount of cyanide. Hazardous Polymerization will occur at high temperatures involving alkalis, amines and metals. These types of reactions will create CO<sub>2</sub> which may rupture some closed containers

Stable under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

**Acute Eye Irritation:** 0.1 ml rabbit

**Acute Skin Irritation:** 0.5 ml rabbit

**Dermal Toxicity:** LD50– lethal dose of 50% of test species, >1.18 mg/l in rats.

**Acute Respiratory:** Studies indicate potential carcinogen for prolonged breathing of vapors.

**Acute Oral Toxicity:** LD50– lethal dose 50% of test species, >5000mg/l rat.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

This product is not expected to cause significant effects in the aquatic environment.

### Persistence and Degradability

No data available

### Bioaccumulative Potential

No data available

### Mobility in Soil

No data available

### Other Adverse Effects

No data available

## 13. DISPOSAL CONSIDERATION (INCLUDING CONTAINER)

## RESIDUAL WASTE

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from Federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

## CONTAMINATED VESSELS AND CONTAINERS

Rinse containers before disposal. Do not allow entering the water systems. EPA Hazardous Waste = No

## 14. TRANSPORT AND INFORMATION

### Land Transport

#### US DOT

Not Regulated

### Sea Transport

#### IMDG

Not Regulated

### Air Transport

#### IATA/ICAO

Not Regulated

## 15. REGULATORY INFORMATION:

Toxic Substance Control Act (TSCA) 12(b) Component(s): None.

OSHA Hazard Communication Standard (29 CFR 1910.1 200) Hazard Class Irritant.

Country Regulatory list Notification

USA TSCA Included on Inventory.

EU EINECS Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer.

Canada DSL Not on Inventory. Notifications have been submitted to Environment Canada.

Australia AICS Not on Inventory.

Japan ENCS Covered by low volume exemption. Not on inventory.

South Korea ECL Included on Inventory.

China SEPA Air Products has received a polymer exemption from the Chinese government to import, manufacture or use.

Philippines PICCS Not on Inventory.

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification Acute Health Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

## 16. OTHER INFORMATION

SDS Prepared By:

Pilgrim Permocoat Inc.

SDS Prepared on: 07/01/2021

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**END OF SAFETY DATA SHEET**