

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)**Section 1. Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product Form	Mixture
Trade Name	PACFORM BASE COAT
Product Code	PFBC

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

Use	Industrial. For professional use only.
-----	--

**1.2.2 Uses Advised Against**

No additional information available

**1.3 Details of the supplier of the safety data sheet****Manufacturer**

NOX-CRETE MANUFACTURING INC  
1444 SOUTH 20<sup>TH</sup> STREET  
OMAHA, NE 68108  
Tel: 402-341-2080  
Fax: 402-341-9752  
E-Mail: [corporate@nox-crete.com](mailto:corporate@nox-crete.com)  
Web Site: [www.nox-crete.com](http://www.nox-crete.com)

**1.4 Emergency telephone number**

Emergency Number	Chemtrec (800) 424-9300 Chemtrec Outside of U.S. 703-527-3887
------------------	--

**Section 2. Hazards identification****2.1 Classification of the substance or mixture**

Skin Irrit. 2	H315
Eye Irrit. 2	H319
Acute Tox. 4 (inhalation)	H332
Carc. 2	H351

Full text of H and P phrases see section 16

**Adverse physiochemical, human health and environmental effects**

No additional information available

**2.2 Label elements**

Hazard pictograms

**Signal word**

Warning

**Hazard statements**

H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H332 - Harmful if inhaled  
H351 - Suspected of causing cancer (inhalation)

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)**Precautionary statements****Prevention:**

P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P264 - Wash exposed area's thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection

**Response:**

P302+P352 - IF ON SKIN: Wash with plenty of soap and water  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P362 - Take off contaminated clothing and wash before reuse.

**Storage:**

P405 - Store locked up.

**Disposal:**

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards**

None known

Full text of H and P phrases: see section 16

**Section 3. Composition / information on ingredients****3.1 Substances**

Not applicable

**3.2 Mixture**

Name	Product identifier	%
Titanium Dioxide	13463-67-7	< 10
Chlorothalonil	1897-45-6	< 1

Pursuant to 29CFR 1910.1200(I) the specific chemical identity (and / or) concentration is being withheld as Trade Secret, while all health and safety properties and effects are included in the SDS.

**Section 4. First aid measures****4.1 Description of first aid measures****First-aid measures general**

Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.

**First-aid measures after inhalation**

If the individual experiences nausea, dizziness, has difficulty in breathing seek a healthcare professional immediately. In all cases of doubt, or when symptoms persist, seek medical advice. Remove to

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)

<b>First-aid measures after skin contact</b>	fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Center or doctor/physician.
<b>First-aid measure after eye contact</b>	If skin irritation persists, seek medical attention. Remove or take off immediately all contaminated clothing. Rinse skin with water or shower. Wash off immediately with soap and plenty of water.
<b>First-aid measures after ingestion</b>	When contact lenses are worn, remove if possible. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes while holding eyelids apart. Get medical attention immediately. Rinse mouth. DO NOT induce vomiting. Get medical attention immediately.
<b>4.2 Most important symptoms and effects, acute and delayed</b>	
<b>Symptoms/injuries after inhalation</b>	May cause irritation to the respiratory tract. Overexposure to vapors may result in headache, nausea, drowsiness or dizziness.
<b>Symptoms/injuries after skin contact</b>	May cause skin irritation or burning sensation
<b>Symptoms/injuries after eye contact</b>	May cause eye irritation or injury
<b>Symptoms/injuries after ingestion</b>	May cause severe irritation or burns to the mucous membrane of the mouth, throat, esophagus and stomach.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
No additional information available	

## Section 5. Firefighting measures

<b>5.1 Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Dry chemical, foam, carbon dioxide
<b>Unsuitable extinguishing media</b>	Do not use heavy water stream
<b>5.2 Special hazards arising from the substance or mixture</b>	
<b>Reactivity</b>	Thermal decomposition products may cause a health hazard.
<b>5.3 Advice for firefighters</b>	
<b>Firefighting instructions</b>	This material releases vapors when heated above ambient temperatures. Vapors can cause a flash fire. Use water spray or fog to cool exposed containers.
<b>Protective equipment for firefighters</b>	Firefighters should always wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire.
<b>Other information</b>	On heating or burning harmful gasses/vapors may be released. This product may cause the floor to become slippery.

## Section 6. Accidental release measures

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	
<b>General measures</b>	Eliminate any ignition sources. Dike or impound spilled material. Take proper precautions to ensure your own health and safety before attempting spill control or cleanup.
<b>6.11 Protective Equipment</b>	Equip cleanup crew with proper protective equipment.
<b>6.2 Environmental precautions</b>	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
<b>6.3 Methods and materials for containment and cleaning up</b>	
<b>Methods for cleaning up</b>	Soak up spills with inert solids, such as clay or diatomaceous earth. Collect into vapor tight containers and dispose of properly.

## Section 7. Handling and storage

<b>7.1 Precautions for safe handling</b>	
<b>Protective measures</b>	Wash hands and other exposed areas with soap and water before eating, drinking or smoking and when leaving work. Provide good

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)

## Hygiene measures

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

#### Storage conditions

#### Incompatible materials

#### Storage temperature

ventilation in work areas to prevent formation of vapor. When not in use keep containers tightly closed. Avoid breathing vapor or mist.

Wash contaminated clothing before reuse.

Store in accordance with local regulations. Store in original container in a cool well ventilated place away from heat, sparks and open flame.

Keep containers tightly closed until ready for use. **Keep from freezing.**

Strong oxidizing agents. Strong acids or bases

Store in a cool dry environment away from sources of ignition.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

Ingredient name	Occupational exposure limits ACGIH TLV (United States)
Titanium Dioxide	TWA: 10 mg/m <sup>3</sup> 8 hours as total dust

### 8.2 Exposure controls

#### Appropriate engineering controls

#### Eye and face protection

#### Skin protection

#### Respiratory protection

Use with adequate ventilation to keep product vapor concentrations below specified TLV

Chemical goggles and/or face shields are required to prevent potential eye contact, irritation or injury.

Wear chemical resistant gloves and appropriate protective clothing and boots as required to prevent skin contact. Wash exposed skin frequently with soap and water. Soiled clothing should be laundered before reuse.

General room ventilation is normally adequate. Avoid breathing the product mist or vapors. The use of an appropriate respirator is recommended whenever the airborne concentrations exceed the TLV.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	Gray liquid
Odor	Slight Odor
Odor Threshold	No data available
PH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	94 C (200 F)
Flash point	> 100 C 212 F PMCC
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	No data available
Upper/lower explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density (Specific gravity)	1.29 Kg per Liter 10.7 Lbs per Gallon
Solubility	Water: Soluble
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	Not applicable
Viscosity	No data available
VOC %	Less than 1

## Section 10. Stability and reactivity

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)

## 10.1 Reactivity

No additional information available

## 10.2 Chemical stability

Stable under normal conditions

## 10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

## 10.4 Conditions to avoid

Extreme high or low temperatures. **Avoid freezing.**

## 10.5 Incompatible materials

Strong acids, bases and oxidizers

## 10.6 Hazardous decomposition products

carbon monoxide, carbon dioxide, various hydrocarbon derivatives

## Section 11. Toxicology information

### 11.1 Information on toxicological effects

#### Acute toxicity

No adverse effects expected under intended use.

#### Irritation/Corrosion Skin

May cause skin irritation

#### Eyes

May cause serious eye irritation and damage.

#### Respiration or skin sensitization

May cause respiratory irritation

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

#### IARC

Titanium Dioxide	2B
Chlorothalonil	2B

2B - Limited evidence in humans and less than sufficient evidence in animals.

#### Reproductive toxicity

No data available

#### Specific target organ toxicity

##### Single exposure

No data available

##### Repeated exposure

No data available

#### Aspiration hazard

No data available

## Section 12. Ecological information

### 12.1 Ecotoxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Other adverse effects

Avoid release to the environment

## SECTION 13. Disposal Considerations

### 13.1 Waste treatment methods

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all applicable local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

## SECTION 14. Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

### 14.1 UN number

Not applicable

### 14.2 UN proper shipping name

Not applicable

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)

<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Environmental hazards</b>	No additional information available
<b>14.6 Special precautions for user</b>	No additional information available
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No additional information available
<b>14.8 Transport in bulk according to CFR 49 173.15</b>	Not applicable

## SECTION 15. Regulatory information

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

#### 15.1.2 USA Regulations

##### Section 313

Contains the following ingredients at or above the reporting level requirements of Section 313. This information must be included in all SDS's copied or distributed for this material.

CHEMICAL  
Chlorothalonil

CAS #  
1897-45-6

MAX WEIGHT %  
< 1

#### TSCA

All ingredients are listed or exempted

#### PROPOSITION 65



**WARNING:** This product can expose you to chemicals including Chlorothalonil, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)."

#### 15.1.3 Canada Regulations

This SDS has been prepared according to the hazard criteria of the *Hazardous Products Regulation* (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR

#### DSL

All ingredients are listed or exempted.

#### 15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

## Section 16. Other information

Date of issue	10-23-2018
Version	2.1
Number	865
Date of previous issue	11-14-2017
Preparer	Nox-Crete Manufacturing Inc.

#### Reference Documentation

The information and recommendations contained herein are, to the best of Nox-Crete Manufacturing's knowledge and belief, accurate and reliable as of the date issued. You can contact Nox-Crete Manufacturing to insure that this document is the most current available from Nox-Crete Manufacturing. The information and recommendations are offered for the buyer's/user's consideration and examination. It is the buyer's/user's responsibility to satisfy themselves that the product is suitable for the intended use. Appropriate warnings and safe-handling procedures should be provided to all handlers and users. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Since the information provided herein may have been obtained in part from independent laboratories or other sources not under our direct supervision, no representation is made that the information is accurate, reliable, complete or representative and buyer/user may rely thereon only at their risk. We have made no effort to censor or to conceal deleterious aspects of this product. Further,

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)

---

since we cannot anticipate or control the many different conditions under which this information or our products may be used, we make no guarantee that the health and/or safety precautions we have suggested will be adequate for all individuals and /or situations involving its handling or use. Likewise, we make no guarantee or warranty of any kind that the use or disposal of this product is in compliance with all federal, state or local laws. It is the obligation of each buyer/user of the product mentioned herein to determine and comply with the requirements of all applicable statutes. If buyer/user repackages this product, it is the buyer's/user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Nox-Crete Manufacturing urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with this product. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part is not permitted.

**Full text of H and P phrases**

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H351 - Suspected of causing cancer (inhalation)

Skin Irrit. 2

Eye Irrit. 2

Acute Tox. 4 (inhalation)

Carc. 2

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash exposed area's thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P302+P352 - IF ON SKIN: Wash with plenty of soap and water

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

P362 - Take off contaminated clothing and wash before reuse.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.