



# SAFETY DATA SHEET

Revision Date 09-Oct-2019

Revision Number 4

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** P-4222

**Other means of identification**

**Product Code(s)** YP4222

**Product Type** Emulsion for architectural coatings.

**Recommended use of the chemical and restrictions on use**

**Recommended Use** For industrial use only.

**Uses advised against** No information available

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

**Supplier Address**

ONA Polymers LLC  
2326 Lonnecker Drive  
Garland, TX 75041 USA

**Company Phone Number**

972-840-0364

**Emergency telephone number**

**Emergency Telephone Number** CHEMTREC (800) 424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitization

Category 1

**Label elements**

**Emergency Overview**

**Signal Word** Warning

**Hazard Statements**

May cause an allergic skin reaction.



**Appearance** Opaque White

**Physical State** Liquid

**Odor** Sweet

**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.

**Precautionary Statements - Response**

Specific treatment (see Section 4 on this SDS).

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

.

**Precautionary Statements - Storage**

Keep from freezing.

**Precautionary Statements - Disposal**

Dispose of in accordance with federal, state and local regulations.

**Hazards not otherwise classified (HNOC)**

None under normal processing.

**Other Information**

Unknown acute toxicity

52.7359 % of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Components	CAS No.	Weight-%	Trade Secret
3(2H)-Isothiazolone, 5-chloro-2-methyl-	26172-55-4	< 0.1%	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**Description of first aid measures****Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

**Skin Contact**

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.

**Inhalation**

Remove to fresh air.

**Ingestion**

None under normal use conditions. Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

**Most Important Symptoms and Effects**

Hives, Itching, Rashes.

**Notes to Physician**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

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

### **Unsuitable Extinguishing Media**

Specific test data for the substance or mixture is not available.

### **Specific Hazards Arising from the Chemical**

Do not allow run-off from fire-fighting to enter drains or water courses. Dried product is capable of burning. Sealed containers may rupture when heated.

### **Explosion Data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

#### **Personal Precautions**

Use personal protection equipment. Ensure adequate ventilation. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

### **Environmental precautions**

#### **Environmental precautions**

See Section 12 for additional Ecological Information.

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

#### **Methods for Cleaning Up**

Pick up and transfer to properly labeled containers. Prevent environmental discharge consistent with regulatory requirements. Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

#### **Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin and clothing.

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

#### **Storage**

Keep containers tightly closed in a cool, well-ventilated place. Keep from freezing.

#### **Incompatible Products**

WATER REACTIVE MATERIALS.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Control parameters**

#### **Exposure Guidelines**

.

#### **Appropriate engineering controls**

#### **Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems.

### **Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Avoid contact with eyes. Eye protection.

**Skin and Body Protection** Wear protective gloves/protective clothing.

**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Take off contaminated clothing and wash before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Sweet
<b>Appearance</b>	Opaque White	<b>Odor Threshold</b>	No data available
<b>Color</b>	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	4.5	
Melting point / freezing point	0 °C	
Boiling Point / Boiling Range	100 °C	
Flash Point	> 200 °C	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper Explosive Limits	Specific test data for the substance or mixture is not available	
Lower Explosive Limits	Specific test data for the substance or mixture is not available	
Vapor pressure	Negligible	
Vapor Density	Specific test data for the substance or mixture is not available	
Specific Gravity	>1.0	
Water Solubility	Miscible with water	
Solubility in other solvents	Specific test data for the substance or mixture is not available	
Partition coefficient	No information available	
Autoignition Temperature		
Decomposition Temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	100-600 cps	
Explosive Properties	No information available	
Oxidizing Properties	No information available	

### Other Information

<b>Softening Point</b>	Specific test data for the substance or mixture is not available
<b>Solids</b>	54 - 56 %

## 10. STABILITY AND REACTIVITY

### Reactivity

None under normal processing

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Excessive heat.

### Incompatible Materials

WATER REACTIVE MATERIALS.

#### **Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating gases and vapors. Carbon oxides.

### **11. TOXICOLOGICAL INFORMATION**

#### **Information on likely routes of exposure**

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye Contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	Repeated exposure may cause skin dryness or cracking.
<b>Ingestion</b>	Not an expected route of exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Components	Oral LD50	Dermal LD50	Inhalation LC50
3(2H)-Isothiazolone, 5-chloro-2-methyl- 26172-55-4	= 481 mg/kg ( Rat ) = 53 mg/kg ( Rat )	-	= 1.23 mg/L ( Rat ) 4 h

#### **Information on toxicological effects**

**Symptoms** Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.

#### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	May cause sensitization in susceptible persons.
<b>Mutagenic Effects</b>	Specific test data for the substance or mixture is not available.
<b>Carcinogenicity</b>	Contains no ingredients above reportable quantities listed as a carcinogen
<b>Reproductive Toxicity</b>	No information available
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Target Organ Effects</b>	Skin.
<b>Aspiration Hazard</b>	No information available.

#### **Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 >5000 mg/kg

### **12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

Toxic to aquatic life with long lasting effects

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

#### **Persistence and Degradability**

No information available.

#### **Bioaccumulation/Accumulation**

No information available.

Components	log Pow
3(2H)-Isothiazolone, 5-chloro-2-methyl- 26172-55-4	-0.71 - 0.75

**Other adverse effects** No information available

### **13. DISPOSAL CONSIDERATIONS**

## Waste treatment methods

### **Disposal Methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

### **Contaminated Packaging**

Do not reuse empty containers.

## **14. TRANSPORT INFORMATION**

### DOT

Not regulated.

### IATA

Not regulated.

### IMDG/IMO

Not regulated.

## **15. REGULATORY INFORMATION**

### **TSCA 8(b)**

All components are listed or exempt

### **DSL**

All components are listed or exempt

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

## US Federal Regulations

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. None present above the reporting threshold.

### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

### U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

<b>Components</b>	<b>Weight-%</b>	<b>HAPS data</b>
Vinyl acetate 108-05-4	< 0.1%	Present
Formaldehyde 50-00-0	< 0.1%	Present
Acetaldehyde 75-07-0	< 0.1%	Present
1,4-Dioxane 123-91-1	< 0.1%	Present
Ethylene oxide 75-21-8	< 0.1%	Present

### CWA (Clean Water Act)

See information supplied by the manufacturer

## CERCLA

See information supplied by the manufacturer

## **US State Regulations**

### **California Proposition 65**

Based on information from material suppliers and process knowledge, this product is not known to contain any Proposition 65 listed substances at or above 0.1 weight percent. Please contact the Regulatory Department if additional information is required.

## **U.S. EPA Label Information**

### **16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<b><u>NFPA</u></b>	<b>Health Hazard</b>	<b>2</b>	<b>Flammability</b>	<b>0</b>	<b>Instability</b>	<b>0</b>	<b>Physical and Chemical Hazards</b>	<b>-</b>
<b><u>HMIS</u></b>	<b>Health Hazard</b>	<b>2</b>	<b>Flammability</b>	<b>0</b>	<b>Physical hazards</b>	<b>0</b>	<b>Personal Precautions</b>	<b>X</b>

**Revision Date** 09-Oct-2019

#### **Revision Note**

No information available

#### **Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**