

## Safety Data Sheet

# Pionite PT55

Date Issued: May 6, 2025

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Supersedes Date: New

### Section 1. Product Description

1.1 Product Name: Pionite PT55

1.2 Recommended Use: Industrial adhesive applications

1.3 Manufacturer: and address: NewStar Adhesives Inc  
66 Gilreath Rd SE  
Cartersville, GA 30121

Information Contact: PH 866-735-9876 FX 770-607-3637

Emergency Contact: 800-424-9300 (CHEMTREC- Transportation Spill Response 24 hours)

### Section 2. Hazard Identification

Classification in accordance with 29 CFR 1900.1200

2.1 Hazard Classification

Extremely Flammable Aerosol: Category 1

2.2.1 Label elements

Signal Word: Danger

# DANGER

## Symbols



### Hazard Statements:

Extremely flammable aerosol.

Pressurized Container: may burst if heated

Causes serious eye irritation.

Causes skin irritation

May cause drowsiness or dizziness.

Suspected of damaging fertility or the unborn child

May cause damage to organs through prolonged or repeated exposure

## PRECAUTIONARY STATEMENTS:

### Prevention:

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat/sparks/open flames/hot surfaces and other ignition sources– No smoking.  
Do not spray on open flames or other ignition sources  
Do not pierce or burn even after use  
Do not breathe dust/fumes/gas/vapor/mist/spray.  
Use only outdoors or in well-ventilated areas.  
Wear protective clothing and eye/face protection.  
Do not eat, drink, or smoke when using this product.  
Wash thoroughly after handling.

### Response:

**IF INHALED:** Remove to fresh air and keep comfortable for breathing.

**IF ON SKIN (OR HAIR):** Take off immediately all contaminated clothing. Rinse skin with water and shower. If irritation persist, seek medical attention. Continue to rinse.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lens if present and easy to do. Continue rinsing. If irritation persist, seek medical attention.

### STORAGE:

Protect from sunlight.  
Do not expose to temperatures exceeding 122 oF (50 oC)  
Store locked up in a well-ventilated place.

### DISPOSAL:

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

## **Section 3. Composition/ Information on Ingredients**

| Chemical Name   | C.A.S.<br>Number | %         |
|-----------------|------------------|-----------|
| Acetone         | 67-64-1          | 10 - 25 % |
| 2-Methylpentane | 107-83-5         | 30 - 40 % |
| Propane         | 74-98-6          | 15 - 25 % |

## **Section 4. First Aid Measures**

**Skin Contact:** Wash with plenty of water. Wash contaminated clothing after use.

**Inhalation:** Remove person to fresh air and keep comfortable for breathing. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek medical assistance. If breathing has stopped, give artificial respiration.

**Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

**Ingestion:** Rinse mouth. If you feel unwell get medical advice/attention.

## **Section 5.                      *Firefighting Procedures***

**Extinguishing Media:** Use water spray, dry chemical, CO<sub>2</sub>, or appropriate foam.

**In case of fire,** use a firefighting agent for flammable liquid.

**Hazardous decomposition or by product:** Aldehydes, hydrocarbons, carbon monoxide and carbon dioxide, ketones, oxides of nitrogen, sulfur and other toxic vapor, gas, and particulate.

**Special protective actions for fire-fighters:** Keep containers cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, bunker coat and pants, face mask, and protective covering for exposed area of head.

## **Section 6.                      *Accidental Release Measures***

**Personal Precautions:** Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapors can accumulate in low areas.

**Clean-Up:** Cover with commercially available nonflammable inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Collect waste and dispose of in accordance with all applicable local/state/federal regulations.

## **SECTION 7.                      *Handling and Storage***

**Handling:** Avoid breathing vapors. Use personal protection equipment as required. In case of inadequate ventilation wear respiratory protection. Do not eat, drink, or smoke when using this product. Wash contaminated clothing and skin after use.

**Storage:** Store in a well-ventilated space. Protect from direct sunlight.

## **SECTION 8. Protection Information**

| Hazardous Component | Authority | Type | Limit    |
|---------------------|-----------|------|----------|
| Acetone             | ACGIH     | TWA  | 250 ppm  |
| Acetone             | ACGIH     | STEL | 500 ppm  |
| Acetone             | OSHA      | TWA  | 1000 ppm |
| 2-Methylpentane     | ACGIH     | TWA  | 500 ppm  |
| 2-Methylpentane     | ACGIH     | STEL | 500 ppm  |
| Propane             | OSHA      | TWA  | 1000 ppm |
| Propane             | ACGIH     | TWA  | 1000 ppm |

### **SOURCES OF EXPOSURE LIMIT DATA:**

**ACGIH:** American Conference of Governmental Industrial Hygienists

**AIHA:** American Industrial Hygiene

**IARC:** International Agency for the Research on Cancer

**NIOSH:** National Institute for Occupational Safety and Health

**NTP:** National Toxicology Program

**OSHA:** Occupational Safety and Health Administration

**WEEL** Workplace Environmental Exposure Level

### **Control Parameters**

**Engineering Measures:** Ensure adequate ventilation, especially in confined areas.

### **Personal Protective Equipment (PPE):**

**Eyes/Face:** Safety goggles or safety glasses with side shields.

**Skin:** Protective gloves such as Viton, PVA or equivalent and impervious clothing.

**Respiratory:** In operations where exposure limits are exceeded, use a NIOSH approved respirator suitable for the specific work conditions.

**Hygiene:** Avoid contact with skin, eyes, and clothing. Wash promptly with soap and water if skin is contaminated. Remove and wash contaminated clothing. Do not eat, drink, or smoke when using.

## **SECTION 9. Physical Data**

Odor, Color: Organic solvent odor, clear or red in color  
Boiling point: Not determined  
Vapor Pressure: Not Determined  
Vapor Density: Not Determined  
Specific Gravity: .60 – .70 g/cc  
Solubility in Water: Negligible  
Volatile Organic Compounds: 55 – 65 % by weight  
Volatile Organic Compounds: 350 – 450 g/L  
Flash Point: -156° F (-104 C)  
LEL – 2.2% volume  
UEL – 9.5 % volume

## **SECTION 10.                      *Stability and Reactivity***

Chemical Stability:              Stable under normal conditions.

Conditions to Avoid:              Avoid high temperatures.

Incompatible Materials: None known.

Hazardous Polymerization:              Will not occur.

Hazardous By-Products: Combustion may result in formation of aldehydes, hydrocarbons, carbon monoxide and carbon dioxide.

## **SECTION 11.                      *Toxicological Information***

Typical Routes of Entry: Inhalation, skin absorption, eye contact

Aspiration Hazard: No data

Acute toxicity: No data

Irritation: No data

Corrosivity: No data

Sensitization: No data

## **SECTION 12.                      *Ecological Data***

Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.

### **SECTION 13.                    *Disposal Consideration***

Dispose of in accordance with all applicable local/regional/national/international/state/federal regulations.

### **SECTION 14.                    *Transportation Information***

DOT Proper Shipping Name:

Aerosols – Domestic

Aerosol Cans, Limited Quantity

Aerosols – Air and Ocean

UN1950, Aerosol, Flammable, 2.1

### **SECTION 15.                    *Regulatory Information***

311/312 Hazard Categories:

Fire Hazard – Yes

Pressure Hazard – Yes

Reactivity Hazard – No

Immediate Hazard – Yes

Delayed Hazard – Yes

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: None known.

HMIS Hazard Rating – NFPA Hazard classification

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Health: 2

Flammability: 3

Reactivity: 0

Special Hazard: None

### **SECTION 16.                    *Other Information***

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knowledge and control. It is essential that the user evaluate the NEWSTAR product to determine whether it is fit for a particular purpose and suitable for users' method of use or application.