



PA4510 Hot Melt Adhesive SAFETY DATA SHEET

SECTION 1: COMPANY INFORMATION

APPLIED Products, Inc.
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Preparation Date: May 15th, 2015

Emergency Contact Number: CHEMTREC (800) 424-9300

PRODUCT INFORMATION

Product Name: PA4510
Product Description: Modified Amorphous Poly-Alpha-Olefin Copolymer

SECTION 2: HAZARDS IDENTIFICATION

The substance is not classified as dangerous according to Directive 2001/59/EC. The substance or mixture is not classified as hazardous per the Globally Harmonized System of Classification and Labelling (GHS).

WARNING:



Emergency Overview

Potential Acute Health Effects: In case of skin contact, slightly hazardous. Heated material may cause burns to unprotected skin.

Eyes: Heated material may release volatile ingredients and cause irritation and burns to unprotected eyes.

Skin: Repeated or prolonged exposure is not known to aggravate medical condition

Potential Chronic Health Effects

Skin: Repeated or prolonged exposure is not known to aggravate medical condition.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance/preparation

To present knowledge of the supplier, this product does not contain any hazardous ingredients in accordance to EU regulations or National regulations.

<u>Ingredients(s)</u>	<u>CAS Number</u>	<u>% By Weight</u>
1-Butene, polymer with 1-propene	29160-13-2	85 – 90
Polymer Mixture	Not Disclosed	10 - 15
Modifiers/additives	CBI	<1.0

SECTION 4: FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.



Skin contact: Wash with soap and water. Obtain medical attention if symptoms occur.

Eye contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.

Further Medical Treatment: Symptomatic treatment and supportive therapy as indicated. Following severe exposure the patient should be kept under medical review for at least 48 hours.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special firefighting procedures: Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

Protection of fire-fighters: Be sure to use an approved/certified respirator or equivalent.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Splash goggles, Full suit, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product.

Environmental Precautions & Clean-up Methods: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7: HANDLING AND STORAGE

Handling: Do not ingest. Caution - spillages may be slippery. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Occupational Exposure Limits: No Occupational Exposure Limit Assigned

Respiratory System: Dust respirator. Be sure to use an approved/certified respirator or equivalent.

Skin and body: Lab coat. When handling hot material, wear heat-resistant protective gloves that are able to withstand the temperature of molten product. Overalls buttoned to the neck and wrist.

Hands: Impervious gloves.

Eyes: Safety glasses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid

pH: Not available

Melting point (Softening Point): 316°F (158°C)

Vapor density: Not determined

Octanol/water partition coefficient: Not available

Odor: None

Boiling point: Not available

Specific gravity: 0.94 g/cc

Flash point: Not available

Solubility in water: Not determined

SECTION 10: STABILITY AND REACTIVITY

Stability: The product is stable.

**SECTION 11: TOXICOLOGICAL INFORMATION****Acute Toxicity**

<u>Ingredient Name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Ethylene/propylene copolymer	LD50	>5000 mg/kg	Oral	Rat
	LD50	>2000 mg/kg	Dermal	Rabbit

Local Effects

Skin irritation: Slightly hazardous in case of skin contact (irritant).

Eye irritation: Slightly hazardous in case of eye contact (irritant).

Chronic toxicity: Repeated or prolonged exposure is not known to aggravate medical condition.

SECTION 12: ECOLOGICAL INFORMATION

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Methods of disposal; Waste of residues; contaminated packaging: The generation of waste should be avoided or minimized wherever possible. Untreated material is not suitable for disposal. Waste, even small quantities, should never be poured down drains, sewers or water courses. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

European Waste Catalogue (EWC): The relevant EU Directives and local, regional and national regulations must be complied with. It is among the tasks of the end user to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste catalogue. It is recommended that the details be sorted out with the waste disposer responsible.

SECTION 14: TRANSPORTATION INFORMATION**International transport regulations**

Land - Road/Railway: Not Regulated

Sea: Not Regulated

Air: Not Regulated

SECTION 15: REGULATORY INFORMATION**EU Regulations**

Risk Phrases: This product is not classified according to the EU regulations.

SECTION 16: ADDITIONAL INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

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