



**PALMETTO
ADHESIVES &
PACKAGING**

Hazard Rating	
HEALTH:	1
FLAMMABILITY:	1
REACTIVITY:	0
PROTECTIVE:	see section 8

HM0439
Material Safety Data Sheet
Date of print: 05/01/09

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Commercial Product Family: HM0439 Information Phone: 864-232-8865
 Product Description: Adhesive
 In Case of Spill call 1-800-572-5403 Synonyms: None Product Use: Adhesive (Non-Hazardous)

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name	CAS#	%	OSHA PEL
Petroleum Hydrocarbon Resin	26813-14-9	35.0	
SIS polymer	Mixture	32.0	
Pentaerythritol ester of rosin	8050-26-8	15.0	
Hydrocarbon polymer	Mixture	7.0	
Tetrakis (3,5-di-tert-butyl-4-hydroxy-hydrocinnamte) methane	6683198	.40	
Tris (nonylphenyl) phosphate	26523-78-4	.30	
Heavy nathenic oil	64742525	10.0	
Dilauryl thiopropionate	123284	.30	

SECTION 3: HAZARDOUS IDENTIFICATION

3.1 Potential Health Effects:

Emergency Overview: Contact with molten product will cause thermal burns. Vapors/fumes may be irritating at application temperatures.
Eye Contact: No irritation hazard in normal industrial use.
Inhalation: No irritation in normal industrial use. Vapors may have an offensive odor that may cause headaches, nausea, and vomiting.
Ingestion: Ingestion is not an anticipated route of exposure. No irritation in normal industrial use.
Skin Contact: Skin contact at room temperature in not irritating. Contact with product at elevated temperatures can result in thermal burns.

SECTION 4: FIRST AID MEASURES

Eye Contact: None expected to be needed, however, use eyewash to remove a chemical from your eye regardless of level of hazard. For hot product, immediately flush eyes with plenty of water for at least 20 minutes. Get immediate medical attention.
Inhalation: Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.
Ingestion: Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.
Skin Contact: Wash with soap and water. For hot material, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean gauze and do not attempt to remove the material yourself. Get prompt medical attention. Medical personnel: coat with mineral oil to soften material for removal.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Properties:

Flash Point: > 204 C (400 F) Cleveland Closed Cup
 Auto ignition: Not determined
 LEL: Not determined
 UEL: Not determined
 Extinguishing Media: A solid stream of water may scatter molten product. Use water spray, foam, dry chemical or carbon dioxide.
 Special Fire-Fighting Procedures: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
 Unusual Fire and Explosion Hazards: Material will burn in a fire.
 Combustion Products: Carbon dioxide, carbon monoxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION: No adverse health effects expected from the clean up of spilled material. Follow personal protective equipment recommendations found in Section 8 of the MSDS.
CLEAN UP: Allow molten material to solidify before disposal.

SECTION 7: HANDLING AND STORAGE

Handling: No special handling instructions due to toxicity. Avoid breathing vapors/fumes of heated product. Prevent contact with molten product.
Storage: Store in a cool, dry place.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

EYE PROTECTION: Wear safety glasses when handling this product.
SKIN PROTECTION: Not normally required. Wear chemically resistant gloves to prevent prolonged or repeated contact. When material is heated, wear thermally insulating gloves to protect against thermal burns.
GLOVES: Not normally required. Use nitrile gloves if conditions warrant.
RESPIRATORY PROTECTION: No respiratory protection required under normal conditions of use. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).

EXPOSURE LIMITS:

Chemical Name ACGIH EXPOSURE LIMITS AIHA WHEEL
 N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**Safety Parameters:**

Physical State:	Solid	Color:	Light Amber
Odor:	Neutral	Odor Threshold:	Not established
Weight per Gallon:	Not applicable	Specific Gravity:	.98
Solids (% by wt)	Not applicable	PH:	Not determined
Boiling Point:	Not determined	Freezing Point:	Not determined
Vapor Pressure:	Not determined	Vapor Density:	Not determined
Evaporation Rate:	Not determined	Octanol/Water Coefficient:	Not determined

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Chemical Incompatibility:	Not established
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide.

SECTION 11: TOXICOLOGY INFORMATION

CHEMICAL NAME	LD50/LC50
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TOXICOLOGY SUMMARY: No additional health information available.

SECTION 12: ECOLOGICAL INFORMATION

Overview: No ecological information available.

SECTION 13: DISPOSAL CONSIDERATIONS

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

SECTION 14: TRANSPORTATION INFORMATION

DOT Class:	Not Regulated
IATA:	Not Regulated

SECTION 15: REGULATORY INFORMATION

N/A

SECTION 16: OTHER INFORMATION**Disclaimer**

The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider this data only as a supplement to other information. Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees and customers, and the protection of the environment.