

MSDS No. EXPERIMENTALDate Issued: 1/8/87

MATERIAL SAFETY DATA SHEET

**UNIROYAL
CHEMICAL**Uniroyal Chemical Company, Inc.
World Headquarters
Middlebury, Connecticut 06749UNIROYAL Emergency Phone 203/723-3670
CHEMTREC Transportation Emergency Phone: 800/424-9300
SAFETY DATA Information: 203/573-3492

I. IDENTIFICATION

Trade Name: NAUGARD® 529

CAS Number: Mixture

Chemical Name:

Chemical Family: Phenol

Alkylated-styrenated p-cresols

II. SPECIAL REGULATORY HAZARDS

<u>Ingredient</u>	<u>CAS No.</u>	<u>Exposure Limit</u>	<u>OSHA (1910.1200)</u>	<u>EEC*</u>
BHT	128-37-0	10 mg/m ³ (ACGIH)	Not hazardous	Not hazardous

Transportation: NA

III. PHYSICAL DATA

Appearance and Odor: Amber, viscous liquid; phenolic odor

Solubility: Insoluble in water;

Specific Gravity (H₂O = 1): 1.04

Soluble in most organic solvents

Vapor Pressure @ 20°C: ND

Melting Point: NA

Vapor Density (Air = 1): ND

Boiling Point: ND

Volatility @ 70°F: Low

Other Data: Evaporation Rate: 0.13

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: 330°F (166°C) COC

Autoignition Temp: 350°F (177°C) Fire point

Extinguishing Media: Water spray, dry chemical

Flammable Limits in Air: ND

Special Fire Fighting Procedures: Protect against inhalation of combustion products.

Unusual Hazards: None identified.

V. REACTIVITY DATA

Stability: Stable at ambient temperatures and pressures.

Incompatibility: Strong oxidizing agents.

Decomposition Products:

Combustion: Oxides of carbon under burning conditions.

NA = Not Applicable

ND = Not Determined

*European Economic Community

Uniroyal makes no representation or warranty with respect to the information in this Material Safety Data Sheet. The information is however, as of this date provided, true and accurate to the best of Uniroyal's knowledge. This list of information is not intended to be all inclusive. Actual conditions of use and handling may require considerations of information other than, or in addition to, that which is provided herein.

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VI. SPECIAL PROTECTION INFORMATION

Engineering Controls:

Sufficient ventilation to minimize vapor exposure.

Personal Protection Equipment:

Avoid all personal contact. Observe good personal hygiene. Impervious gloves and goggles should be worn when handling. In the absence of adequate ventilation, use NIOSH-certified respiratory protection for organic vapors.

VII. STORAGE, SPILLS, AND DISPOSAL INFORMATION

Storage:

Store away from sources of direct heat in a dry area. Keep containers closed when not in use.

Spills:

Absorb on inert material. Shovel into secure containers for proper disposal. Use personal protective equipment as outlined above.

Disposal:

In accordance with any applicable local, state or federal regulation regarding organic waste.

Environmental Information:

Environmental effects have not been determined.

VIII. HEALTH RELATED DATA

Specific Hazard(s):

Contact with skin may cause irritation.

Primary Route(s) of Entry:

Inhalation

First Aid Procedures:

Eye Contact: Flush with water for 15 minutes. Get medical attention.

Skin Contact: Wash with soap and water.

Inhalation: Remove to fresh air.

Toxicology Information:

Oral toxicity: LD₅₀ (rats) - >5g/kg

Irritation: eye (rabbits) - slight
skin (rabbits) - slight

Firestone

SYNTHETIC RUBBER & LATEX COMPANY

721AC
Lot 551428
1879

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION : ~~Person~~ 721AC CAS No. 9003-55-8

CHEMICAL FAMILY: Poly(butadiene-co-styrene)

SECTION I

Emergency Telephone Number: (800) 424-9300

Telephone Number For Information: (216) 379-6018

Date Prepared: January 14, 1987

SECTION II -- HAZARDOUS INGREDIENTS/IDENTITY SECTION

Hazardous Components (Chemical and Common Names)	Pct.	OSHA PEL	ACGIH TLV	Other
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None

SECTION III -- PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA (Not Applicable) Sp. Gravity (H₂O=1): 0.93

Vapor Pressure (mm Hg): NA Melting Point: NA

Vapor Density (Air=1): NA Evaporation Rate: NA

Solubility in Water: Nil (Butyl acetate = 1)

Appearance and Odor: Rubbery, white solid; slight odor.

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): NA

Flammable Limits - LEL: NA UEL: NA

Extinguishing Media: Water or foam.

Special Fire Fighting Procedures: Use self-contained breathing app

Unusual Fire and Explosion Hazards: None

Combustion Byproducts: Oxides of carbon



SYNTHETIC RUBBER & LATEX COMPANY

SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: A release or spill of this material would not constitute a safety hazard.

Waste Disposal Method: In accordance with local regulations, for disposal of nonhazardous waste.

Precautions to Be Taken in Handling and Storage: Store at temperature less than 150 deg. F

Other Precautions: NA

SECTION VIII -- CONTROL MEASURES

Respiratory Protection(Specify Type): None required.

Ventilation - Local Exhaust() Mechanical(General)() Special()
Other/Comments: NA

Protective Gloves: None required. Eye Protection: None required.

Other Protective Clothing or Equipment: None required.

Work/Hygienic Practices: At the end of each work period and before eating, drinking, wash, with soap and water, areas of the body coming in contact with this product.

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