



Material Safety Data Sheet

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R-1

IDENTIFICATION

Trade Name: **ARANOX®**

CAS Number: **100-93-6**

Chemical Name: **p-(p-toluene sulfonyl amido)-
diphenylamine**

Chemical Family: **Diphenylamine**

SPECIAL REGULATORY HAZARDS

<u>Ingredient</u>	<u>CAS No.</u>	<u>Exposure Limit</u>	<u>OSHA (1910.1200)</u>	<u>EEC*</u>
Product	100-93-6	ND	Not hazardous	Not hazardous

Hazard assessment based on available data.

Transportation: **NA**

PHYSICAL DATA

Appearance and Odor: **Grey powder, characteristic odor**

Solubility: **Insoluble in water**

Specific Gravity (H₂O = 1): **1.32**

Melting Point: **294°F (146°C)**

Vapor Pressure @ 20°C: **ND**

Boiling Point: **NA**

Vapor Density (Air = 1): **ND**

Other Data: **NA**

Volatility @ 70°F: **Low**

FIRE AND EXPLOSION HAZARD DATA

Flash Point: **520°F (271°C) TCC**

Autoignition Temp: **ND**

Extinguishing Media: **Water spray, dry chemical**

Flammable Limits: **ND**

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

Unusual Hazards: **May form explosive dust-air mixtures.**

REACTIVITY DATA

Stability: **Stable at ambient temperatures and pressures.**

Incompatibility: **Strong oxidizing agents.**

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Decomposition Products: **Oxides of sulfur and nitrogen 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.

SPECIAL PROTECTION INFORMATION

Engineering Controls: Sufficient ventilation to minimize exposure to dust. Protect closed dust handling systems against possible dust explosions. Avoid dust accumulations on building or equipment surfaces.

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 dust cartridge respirator.

STORAGE, SPILLS AND DISPOSAL INFORMATION

Storage: Store away from sources of direct heat, in a dry area. Keep containers closed.

Spills: Vacuum up to avoid creating dust. Transfer into secure containers for proper disposal. Use personal protective equipment as outlined above.

Disposal: In accordance with any applicable local, state, or federal regulations.

Environmental Information: Environmental effects have not been determined

HEALTH RELATED DATA

Specific Hazard(s): No acute or chronic health hazards have been identified. There are no known medical conditions that are aggravated by exposure to this material.

Primary Route(s) of Entry: Inhalation, skin absorption.

First Aid Procedures: **Eye contact:** Flush with water for 15 minutes.

Skin contact: Wash thoroughly with soap and water

Inhalation: Remove to fresh air.

Toxicology Information: **Oral toxicity:** LD50 (rats) - >5 g/kg

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Carcinogenic per NTP _____ IARC _____ OSHA _____ None X

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