

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Trade name (as labeled) **Durlon 9000 / 9000N**
SUPPLIER'S NAME **GASKET RESOURCES INCORPORATED**
Address (complete mailing address): P.O. Box 565, Exton, PA 19341-0565
Phone number for additional Information: 610-363-5800, 866-707-7300
Fax: 610-363-5881
Date prepared or revised: 1-10-03 Name of preparer*

II INGREDIENTS

Chemical Names	CAS Numbers	Exposure Limits in Air (give units)		
		ACGIH TLV	OSHA PEL Other (specify)	Manufacturer's AEL
polytetrafluorethylene	9002-84-0		N/A	N/A
inorganic fillers	65997-17-3 "		5 mg/m3 5 mg/m3	5 mg/m3 TVL 10 mg/m3 TVL

The product is not considered hazardous under normal conditions of use.

III PHYSICAL PROPERTIES

Vapor density (air=1)	N/A	Melting Point or range, °F	621-648°F
Specific gravity	2.2 g/cm ³	Boiling point or range °F	N/A
Solubility In water	N/A	Evaporation rate (butyl acetate = 1)	N/A
Vapor pressure, mmHg at 20°C	N/A	Maximum continuous service conditions:	500°F in ANSI Class 300
Appearance and odor	9000 — Blue, no odor 9000N — White, no odor		

HOW TO DETECT THIS SUBSTANCE* (warning properties of substance as a gas, vapor, dust or mist)

* Not a required category

Note: All required categories should be addressed. If any item is not applicable, or information is not available, the space must be marked to indicate that.

The information contained herein is based on data provided from suppliers of the materials used and not on the mixture itself, and is believed to be correct. However, no warranty is expressed or implied regarding the accuracy of the data. Since the information contained herein may be applied under conditions beyond our control, the persons receiving it shall make their own determination of the suitability of the product for their particular purposes.

IV. FIRE AND EXPLOSION

Flash Point, °F (give method) None
 Auto Ignition temperature, °F N/A
 Flammable limits in air, volume % Non-flammable lower (LEL) N/A upper (UEL) N/A
 Fire extinguishing materials: X water spray X carbon dioxide _____ other:
X foam X dry chemical

Special firefighting procedures: In fighting fires where quantities of Durlon 9000/9000N are stored, self-contained breathing apparatus should be used to protect against hydrogen fluoride fumes and smoke.

Unusual fire and explosion hazards: Durlon 9000/9000N may burn in an atmosphere of 100% oxygen when an ignition source is present.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure: PTFE, when thermally decomposed, may cause polymer fume fever with flu-like symptoms, or eye, nose and throat irritation. If exposed to temperature in excess of 620°F (325°C) decomposition gives off fumes, move to fresh air. Contact physician for treatment.

Inhaled: None under normal conditions of use.
 Contact with Skin or eyes: None under normal conditions of use.
 Absorbed through skin: None under normal conditions of use.
 Swallowed: None under normal conditions of use.

HEALTH EFFECTS FROM EXPOSURE. Explain in lay terms. Attach extra page if more space is needed.

Acute: N/A
 Chronic: N/A

FIRST AID: EMERGENCY PROCEDURES

Eye contact: N/A
 Skin Contact: N/A
 Inhaled: Not necessary under normal conditions of use. If exposed to thermal decomposition fumes, move to fresh air. Contact physician for treatment.
 Swallowed: N/A

SUSPECTED CANCER AGENT

X NO; This product's ingredients are not found in the lists below.

YES: _____ Federal OSHA, _____ NTP, _____ IARC

California employers using Cal/OSHA - regulated carcinogens must register with Cal/OSHA. The Cal/OSHA and Federal OSHA carcinogen lists are similar.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

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VI. REACTIVITY DATA

Stability: Stable Unstable
Incompatibility: None for storage. Durlon 9000/9000N should not be used in molten alkali metals.
(materials to avoid) Caution should be used with fluorine, hydrofluoric acid and certain fluorine bearing compounds.

Hazardous decomposition products (including combustion products): Hydrogen fluoride gas

Hazardous polymerization: May occur Will not occur

Conditions to avoid: Avoid high temperatures (600°F) without adequate ventilation.
Avoid molten alkali metals

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): N/A

Preparing wastes for disposal (container types, neutralization, etc.): Regular methods, not a hazardous waste

NOTE: Dispose of all wastes in accordance with federal, state and local regulations. Discarded product is not a hazardous waste under RCRA 40 CFR 261. Do not incinerate.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: Unnecessary under normal conditions.

Respiratory protection (type): Unnecessary under normal use.

Eye protection (type): Unnecessary under normal use.

Gloves (specify material): Not required.

Other clothing and equipment: Unnecessary under normal conditions.

Work practices, hygienic practices: Normal

Other handling and storage requirements: Store away from highly flammable materials.

Protective measures during maintenance of contaminated equipment: Unnecessary under normal conditions.

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