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PRODUCT DATA SHEET

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PDS Date 05/26/05

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PRODUCT NAME AND SYNONYMS: **2001 AIR SEAL ROPE AND TAPE**

DESCRIPTION: Air Seal Rope and Tape is a butyl rubber based sealant designed to be permanently flexible, tacky, and resistant to moisture and to deterioration by exposure to dilute chemical solutions. Air Seal Rope and Tape meets the requirements of ASTM C990-91 and Federal Specifications SS-S-210.

TYPICAL PROPERTIES: The following values represent typical test results and are not to be confused with manufacturing specifications.

COLOR	BLACK
Specific Gravity ASTM D71	1.25-1.35
Hydrocarbon Content	58%
Ash Content AASHTO T111	42%
Volatile Content Astm D6	1.0%
Ductility @77°F ASTM D6	6.0cm
Rebound/Recovery ASTM C972 @77°F @32°F	10% 45%
Compression Index ASTM C972 @77°F @32°F	60 lb-ft per cubic inch 88 lb-ft per cubic inch
Low Temperature Flexibility ASTM C765	No cracking or adhesion loss at-10°F
Elevated Temperature Flow ASTM C766	No sag or shape change after 14 days @158°F
Adhesion after impact ASTM C990	No loss of adhesion
Cone Penetration @77°F ASTM D217	55-80
Chemical Resistance SS-S-2101 Sec. 3.6	No visible change after 30 days immersion in 5% solutions of HCl, H₂SO₄, NaOH, KOH, H₂S
Application Temperature Range	0°F to 120°F
Service Temperature Range	-40°F to 250°F

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