

MIRAY1000-10 RAYLOC ALLIED BRAKE SHOE DRILLED

MATERIAL SAFETY DATA SHEET

Effective Date: March 29, 1993 Code: Allied Brake Shoe Drilled Page: 1

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Allied Brake Shoe Drilled
Chemical Name: Cured Segment, Organic

Identity (Edge Code): NRSP11034FF, NSS2200FF, NRSP11033FF, NRSP11032FF,
NRSP11026FE, NSS2215FE, NRSP11035FE, NRST11036FG, NSS2210FG,
NRSP11037FE, NSS2205FE

MANUFACTURER'S NAME:
Allied-Signal Corp.
900 W. Maple Road
Troy, Michigan 48064

EMERGENCY TELEPHONE NO.
(313)362-7196

MISCELLANEOUS INFORMATION:

SUPPLIER'S NAME:
Rayloc
Division of Genuine Parts Company
600 Rayloc Drive SW
Atlanta, Georgia 30378

Formula: Mixture of
Proprietary Ingredients;
See Section 2

REVISION DATE:
May 20, 1997

Section 2 - HAZARDOUS INGREDIENTS

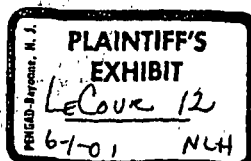
CAS NO.	INGREDIENT	EXPOSURE LIMITS			
		ACGIH	OSHA	VP	
		TLV	PEL	UNITS	MM HG
1332-21-4	Asbestos/Chrysotile	20-50	0.2	Fiber/cc	
1317-65-3	Calcium Carbonate	5-10	5	mg/m3	
7727-43-7	Barium Sulfate	5-20	5	mg/m3	
1344-28-1	Aluminum Oxide	2-5	5	mg/m3	
1309-48-4	Magnesium Oxide	2-5	5	mg/m3	
1333-86-4	Carbon Black	2-5	3.5	mg/m3	
7732-42-5	Graphite	2-5	2.5	mg/m3	
1309-37-1	Iron Oxide	2-5	10	mg/m3	
	Non-hazardous Resins & Fillers	Balance			

.....WARNING.....
AVOID CREATING OR BREATHING DUST. CONTAINS ASBESTOS FIBERS AND OTHER
SUBSTANCES WHICH MAY CAUSE CANCER AND LUNG INJURY.
GENERAL REQUIREMENT: TOTAL DUST SHALL NOT EXCEED 10MG/M3
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Section 3 - HAZARDS IDENTIFICATION

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Note: Avoid creating dust. The parts are not inherently hazardous. The listed effects relate to dust residues on the parts or to dust generated in installation.

-Effects of Overexposure

Eyes: May cause transient irritation with no corneal injury likely if immediately removed by washing. Repeated or prolonged exposure to resin fumes or dust may cause eye irritation.

Skin: Dust may cause minor irritation upon single contact but is not appreciably absorbed. Repeated contact may cause sensitization and skin rash.

Inhalation: Do not inhale dust. If dust is generated, proper mask must be worn designed to keep inhaled asbestos fiber count under 0.2 fibers/cc.

Ingestion: Do not ingest. Irritant to gastrointestinal tract.

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Section 4 - FIRST AID MEASURES

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-Emergency and First Aid Procedures

Should not be necessary from a proper handling of these friction material products.

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Section 5 - FIREFIGHTING MEASURES

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Flash Point: Not Available

Extinguishing Media: N/A

Special Firefighting Precautions: None

Unusual Fire and Explosion Hazards: None

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Section 6 - ENVIRONMENTAL RELEASE MEASURES

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-Steps to be taken in case material is released or spilled

No special procedures are required for solid parts. Follow the "Recommended Procedures" on page 5.

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Section 7 - HANDLING AND STORAGE

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Special precautions are required when installing or removing asbestos friction materials. In replacing linings that contain asbestos fiber, we suggest the worker follow the RECOMMENDED PROCEDURES published by the "Friction Materials Institute" that are reproduced on page 5.

Storage: No special precautions

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Section 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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-Protective Equipment

Eyes: Use proper protection - safety glasses, as a minimum

Skin: Washing on leaving work area and at end of shift

Inhalation: Respiratory protection is required for lining installation.

Dust/particulate respirator with OSHA approved high-efficiency filters must be worn.

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Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

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Material state @ normal conditions: Solid

Boiling Point: N/A

Melting Point: N/A

Solubility in Water: None

Volatiles: None

Appearance and odor: Gray or dark solid part - mild odor

Specific Gravity(H₂O - 1): 1.6 - 2.3

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Section 10 - STABILITY AND REACTIVITY

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Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None

Hazardous Decomposition Products: None

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Section 11 - TOXICOLOGICAL INFORMATION

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Information Not Available

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Section 12 - ECOLOGICAL INFORMATION

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Information Not Available

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Section 13 - DISPOSAL CONSIDERATIONS

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-Waste Disposal Method:

Dispose by landfill according to federal, state and local regulations

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Section 14 - TRANSPORT INFORMATION

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D.C.T Hazard Name (49CFR 172.101): None

D.C.T ID No. (49CFR 172.101): None

D.C.T Hazard Class (49CFR 172.101): None

RCRA Hazard Class (40CFR 261): (If Discarded): None

E.P.A Priority Pollutants (40CFR 122.53): None

NEPA = National Fire Protection Association - 704

Health: 1

Flammability: 1

Reactivity: 0

D.C.T (49CFR 171.8)/E.P.A (40CFR 117) Spill Reporting Information:

Hazardous Substance: None

Reportable Quantity: N/A

Concentration of Hazardous Substances: N/A

Reportable Quantity of Product: N/A

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Section 15 - REGULATORY INFORMATION

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Information Not Available

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Section 16 - OTHER INFORMATION

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Supplemental State Compliance Information:

Pennsylvania: 1344281

Aluminum Oxide

7727437

Barium Sulfate

1332214

Asbestos

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