

**PATCH RUBBER COMPANY
MATERIAL SAFETY DATA SHEET**

Product Name: REPAIR CORD
Product Code No.: (Various) See listing on page 4

Page: 1 of 4
Issue Date: June 16, 2003

MANUFACTURER:

PATCH RUBBER COMPANY
P.O. BOX H
ROANOKE RAPIDS, N.C. 27870

Call CHEM TEL only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.
(800) 255-3924 North America
(813) 977-3668 (Collect) International

TELEPHONE: (252) 536-2574

HEALTH EMERGENCIES:
Call LOS ANGELES Poison Information Center
(24 hrs.) 1-800-356-3129

PRODUCT IDENTIFICATION

PRODUCT NAME: REPAIR CORD (See listing on page 4)
DOT PROPER SHIPPING NAME: NOT APPLICABLE
ID NUMBER: NOT APPLICABLE
DOT HAZARD CLASSIFICATION: NOT APPLICABLE

SECTION I - HAZARDOUS COMPONENTS

Components	Percent	Exposure Limits	Units	Agency	Type
RAYON/ NYLON/ ARAMID OR POLYESTER CORD	N/A	NOT HAZARDOUS			
AROMATIC PETROLEUM EXTENDER OIL	12.5%	Skin cancer hazard - IARC, 5 mg/M3 ACGIH - Not Established.		Oil Mist OSHA	
ZINC OXIDE CAS NO: 1314-13-2	2.7%	10 mg/M3 ACGIH; 15 mg/M3 OSHA			
CARBON BLACK CAS NO: 1333-86-4	26.0%	3.5 mg/M3 ACGIH; OSHA			
N-TERT-BUTYL-2 BENZOTHIAZOLE SULFENAMIDE CASE NO: 95-31-8	0.7%	Irritant, skin sensitizer			

SARA 313 Components – 40 CFR 372.65: Zinc Oxide as “Zinc Compounds”

Product Name: REPAIR CORD
Product Code No.: (Various) See listing on page 4

Page: 2 of 4
Issue Date: June 16, 2003

SECTION II - EMERGENCY & FIRST AID PROCEDURES *****EMERGENCY*****
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Have a physician call Los Angeles
POISON INFORMATION CENTER (24 hrs.)
1-800-356-3129

EYES: N/A

SKIN: See physician if irritation develops or persists.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician at once.

Hot Processing Volatiles.

INGESTION: N/A

NOTE TO PHYSICIAN: Medical conditions prone to be aggravated by exposure: None known.

SECTION III - HEALTH HAZARDS/ROUTES OF ENTRY

ACUTE EFFECTS OF OVEREXPOSURE (SHORT OR SINGLE EXPOSURE)

INHALATION: No adverse effects likely for general handling at room conditions.

Hot Processing (e.g. milling, extrusion, curing, etc.) can release fumes and other volatiles which may cause eye, nose and respiratory irritation.

SKIN CONTACT: No adverse effects likely.

EYE CONTACT: Irritation - fumes, volatiles hot processing.

INGESTION: N/A

CHRONIC EFFECTS OF OVEREXPOSURE (PROLONGED OR REPEATED EXPOSURE):

Inhalation
May cause allergic reaction in some sensitive persons.
Skin Contact

Long term exposure to concentrated hot processing fumes has caused lung function loss and chronic bronchitis.

Product contains mineral extender oil which has caused skin cancer in laboratory animals.

Product Name: REPAIR CORD
Product Code No.: (Various) See listing on page 4

Page: 3 of 4
Issue Date: June 16, 2003

SECTION IV - SPECIAL PROTECTION INFORMATION

VENTILATION: Local exhaust to keep dust or vapors below TWA or permissible limits and for hot processing volatiles, fumes.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY: For air contaminants above TWA or permissible limits.
NIOSH approved respirator for hot processing fumes when needed.

EYE: Not normally necessary.

GLOVES: Cloth

SECTION V - REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: None known.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:

Carbon Monoxide
Carbon Dioxide
Smoke
Aliphatics
Aromatics
Morpholine
Sulphur Oxides
Tert. Butyl Amine

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - SPILL OR LEAK PROCEDURES **HIGHWAY /RAILWAY SPILLS**
CALL CHEM TEL 1-800-255-3924 North America
(Collect) 1-813-977-3668 International

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Place in suitable closed container for disposal.

NEUTRALIZING CHEMICALS: WASTE DISPOSAL METHOD:

This material, if discarded, is not defined as hazardous by 40CFR261. **Disposal Method:** Incinerate or landfill in accordance with applicable federal, state, and local law or regulation.

Product Name: REPAIR CORD
Product Code No.: (Various) See listing on page 4

Page: 4 of 4
Issue Date: June 16, 2003

SECTION VII - STORAGE AND SPECIAL PRECAUTIONS

Avoid breathing vapors, dusts, or mists - processing fumes.
No special handling or storage requirements indicated.

SECTION VIII - FIRE & EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLAMMABLE LIMITS IN AIR: N/A
EXTINGUISHING MEDIA: Water, Foam, Dry Chemical, Carbon Dioxide
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SECTION IX - PHYSICAL DATA

APPROX. BOILING POINT: N/A **VAPOR DENSITY (AIR = 1):** N/A
VAPOR PRESSURE: N/A **EVAPORATION RATE (N-BUTYL ACETATE = 1)** N/A
% VOLATILE: N/A **% SOLUBILITY IN WATER:** N/A
SPECIFIC GRAVITY: 1.12 **APPEARANCE:** Black Rubbery Solid
ODOR: Characteristic rubber odor.

SECTION X - DOCUMENTARY INFORMATION

ISSUE DATE: 6/16/03	PRODUCT CODE NO:	(Various)
PREV. DATE 01/01/01	PREV. PROD. CODE NO:	15-007, 98740
MSDS NO: 0037	PREV. MSDS NO:	N/A

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THE FOLLOWING PRODUCTS ARE COVERED BY THIS MATERIAL SAFETY DATA SHEET:

Aramid Repair Cord
Nylon Repair Cord
Polyester Repair Cord
Rayon Repair Cord

PREPARED BY: Marlo Carter