

REPAIR & RETREAD MATL'S  
(See Page 5 for Product Numbers)

MSDS NO: 0030

PATCH RUBBER COMPANY  
MATERIAL SAFETY DATA SHEET

Product Name: REPAIR & RETREAD MAT'LS – NATURAL RUBBER

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Product Code No.: (Various – See Page 5 for Product Name) Issue Date: Jan. 30, 2012

MANUFACTURER:

PATCH RUBBER COMPANY  
ROANOKE RAPIDS, N.C. 27870

CHEM TEL only in the event of chemical  
emergencies involving a spill, leak, fire,  
(800) 255-3925 North America  
(813) 248-0585 (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 & RETREAD MAT'LS – NATURAL RUBBER  
(See Page 5)

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
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AROMATIC OIL CAS NO: 64742-04-07 Established	0 – 5 WT.%	Skin Cancer Hazard – 5mg/M <sub>3</sub> Oil Mist		IARC OSHA; ACGIH – Not	
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NAPHTHENIC OIL CAS NO: 64742-52-5	0 – 10 WT.%	5mg/M <sub>3</sub> Oil Mist		OSHA; ACGIH	
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CARBON BLACK CAS NO: 1333-86-4	15– 35 WT.%	3.5mg/M <sub>3</sub>		ACGIH; OSHA	
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ZINC OXIDE CAS NO: 1314-13-2	1 – 5 WT. %	10mg/M <sub>3</sub>		ACGIH; 15mg/M <sub>3</sub> OSHA	
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Chemicals subject to the reporting requirements of SARA 313 AND 40CFR 372:

Zinc Oxide as “Zinc Compounds”

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

**EYE CONTACT:** N/A

**SKIN CONTACT:** See Physician if irritation develops or persists.

**INHALATION (BREATHING):** 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 (SWALLOWING):** N/A

**NOTE TO PHYSICIAN:** Meical 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 (BREATHING):** 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, volatile hot processing.

**INGESTION (SWALLOWING):** N/A

**CHRONIC EFFECTS OF OVEREXPOSURE (PROLONGED OR REPEATED EXPOSURE)**

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

**SKIN CONTACT:** May cause allergic reaction in some sensitive persons.

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

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#### SECTION IV - SPECIAL PROTECTION INFORMATION

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

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

**POTECTIVE GLOVES:** Cloth

**EYE PROTECTION:** Not normally necessary.

#### SECTION V - REACTIVITY DATA

**STABILITY:** Stable

**INCOMPATIBLE MATERIALS:** None known.

#### HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide  
Carbon Dioxide

Smoke  
Aliphatics  
Aromatics  
Sulfur Oxides

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION VI - SPILL OR LEAK PROCEDURES \*\*HIGHWAY /RAILWAY SPILLS\*\***  
**CALL CHEM TEL 1-800-255-3925 North America**  
**(Collect) 1-813-248-0585 International**

#### **STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:**

Place in suitable closed container for disposal.

#### **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.

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### **SECTION VII - STORAGE AND SPECIAL PRECAUTIONS**

Avoid breathing vapors, dusts, or mists – processing fumes.

#### **HANDLING AND STORAGE PRECAUTIONS:**

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 & 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:** 1.10 – 1.18 **APPEARANCE:** Black Rubbery Solid

**ODOR:** Characteristic Rubber Odor

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<b>SECTION X - DOCUMENTARY INFORMATION</b>
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<b>ISSUE DATE:</b>	1/30/12	<b>PRODUCT CODE NO:</b>	(See Below)
<b>PREV. DATE:</b>	1/10/11	<b>PREV. PROD. CODE NO:</b>	N/A
<b>MSDS NO:</b>	0030	<b>PREV. MSDS NO:</b>	0030

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**THE FOLLOWING PRODUCTS ARE COVERED BY THIS MATERIAL SAFETY DATA SHEET.**

All Purpose Gum	15-044, 15-045, 15-046
Butyl Liner	18-156
Butyl Rubber Slab	99-025
Chem Gum	18-317, 18-320
Cover Gum	98-755, 98-756, 98-757, 98-758
Cushion Gum	18-191, 18-193, 18-196, 18-197, 18-198, 18-199, 18-200, 18-201, 18-202
Fast Gum	18-304
Fiber Gum	18-283, 18-284
Floater Gum	18-149, 18-150
FRT Cushion Gum	97-029
HVP Compound	98-020
Precure Cushion Gum	18-268, 18-269, 18-270, 18-271, 18-272, 18-273, 18-274, 18-275, 18-277, 18-278, 18-279
Quick Cure Tube Gum	18-150, 18-151
Sidewall Veneer	18-101, 18-102, 18-103 (Black) 18-235 (White)
Stripping Stock	18-222, 18-223, 18-225
Tie Gum	98-743, 98-744, 98-749, 98-750, 98-752
Tread Gum	18-207
Tube Gum	15-151

**PREPARED BY:** Marlo Carter