PATCH RUBBER COMPANY

MATERIAL SAFETY DATA SHEET

MANUFACTURER:

PATCH RUBBER COMPANY
ROANOKE RAPIDS, N.C. 27870

TELEPHONE: (252) 536-2574

CHEM TEL only in the event of chemical emergencies involving a spill, leak, fire,
(800) 255-3925 North America
(813) 248-0585 (Collect) International

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
AROMATIC OIL CAS NO: 64742-04-07	0 – 5 WT.%	Skin Cancer Hazard – 5mg/M_3 Oil Mist OSHA; ACGIH – Not Established		IARC	
NAPHTHENIC OIL CAS NO: 64742-52-5	0 – 10 WT.%	5mg/M_3 Oil Mist OSHA; ACGIH			
CARBON BLACK CAS NO: 1333-86-4	15– 35 WT.%	3.5mg/M_3 ACGIH; OSHA			
ZINC OXIDE CAS NO: 1314-13-2	1 – 5 WT. %	10mg/M_3 ACGIH; 15mg/M_3 OSHA			

Chemicals subject to the reporting requirements of SARA 313 AND 40CFR 372:

Zinc Oxide as "Zinc Compounds"

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: Mecial 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.

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.

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

SECTION X - DOCUMENTARY INFORMATION

ISSUE DATE:	**1/30/12**	**PRODUCT CODE NO:**	**(See Below)**
PREV. DATE:	**1/10/11**	**PREV. PROD. CODE NO:**	N/A
MSDS NO:	0030	**PREV. MSDS NO:**	0030

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

The information in this document is believed to be correct as of the date issued. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION, THE RESULTS TO BE OBTAINED FROM HAZARDS RELATED TO ITS USE. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.

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