



MATERIAL SAFETY DATA SHEET

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SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION							
PRODUCT NAME: BALANCE PAD PRODUCT NUMBER: 97-501 through 97-517, 97-521 through 97-536, 14-600 through 14-615, 97-485 through 97-495		MSDS Number: 0237 DATE: December 8, 2010					
TRADE NAME: BALANCE PAD GENERAL USE: Industrial CHEMICAL FAMILY: organic polymer PRODUCT DESCRIPTION: Cured pad, uncured face gum, slight metallic odor.							
MANUFACTURER Patch Rubber Company							
ADDRESS (NUMBER, STREET, P.O. BOX) PO Box H		DATE PREPARED: December 8, 2010 SUPERSEDES: January 13, 2009					
(CITY, STATE AND ZIP CODE) COUNTRY Roanoke Rapids, NC 27870 USA		CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBERS					
TELEPHONE NUMBER (General Inquiries) (252) 536-2574				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px; text-align: center;"> 1-800-255-3924 North America (Toll Free) </td> <td style="padding: 5px; text-align: center;"> 813-248-0585 International and Local Calls </td> </tr> </table>		1-800-255-3924 North America (Toll Free)	813-248-0585 International and Local Calls
1-800-255-3924 North America (Toll Free)	813-248-0585 International and Local Calls						
SECTION 2 - HAZARDOUS INGREDIENTS							
Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)		
Styrene – Butadiene – Styrene Block Copolymer	10-30	9003-55-8	NE	Xi	R36		
Petroleum distillate, hydrotreated heavy paraffinic	1-5	64742-52-5	265-155-0	T	R45, R-65, R66, R67		
Carbon black (a)	1-5	1333-86-4	215-609-9	Xi	R-36/37/38		
Zinc oxide (as zinc) (b)	0.5-1.5	1314-13-2	215-222-5	Xn	R-20		
NOTES: <div style="margin-left: 20px;"> <p>(a) California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986, chemicals known to the state to cause cancer or reproductive toxicity. A person in the course of doing business must warn others who may consume, come into contact with, or otherwise be exposed to this chemical. This does not apply to the carbon black in this product, as this component is not in respirable form.</p> <p>b) See section 15</p> <p>This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directive 91/155/EEC. Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European (GHS) directive 91/155/EEC and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and</p> </div>							
SECTION 3 - HAZARDS IDENTIFICATION							
EMERGENCY OVERVIEW Non-hazardous solid, will support combustion if involved in a fire. Hazard symbols: None R-Phrases: Not classified.							
POTENTIAL HEALTH EFFECTS							
INHALATION: None expected.							
SKIN: None expected, however, prolonged contact may cause irritation.							
EYES: Contact with eyes may cause irritation.							
INGESTION: May cause gastric distress, stomach pains, vomiting and diarrhea.							
CARCINOGENICITY:							
NTP? NO		IARC MONOGRAPHS? NO		OSHA REGULATED? NO			
CALIFORNIA, Prop.65? YES- Carbon Black CAS#1333-86-4 (See section 15)		ESIS NOTATION?		YES- 265-155-0			

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SECTION 4 - FIRST AID MEASURES

INHALATION:

Not expected to create a hazardous situation.

EYES:

Check for and remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

SKIN:

Wash contacted area with soap and water; if irritation persists, seek medical attention.

INGESTION:

Give two glasses of water for dilution; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:

Product will support combustion. Products of combustion include compounds of carbon, hydrogen, oxygen and sulfur, including carbon monoxide.

EXTINGUISHING MEDIA:

Carbon dioxide, water, water fog, dry chemical, chemical foam.

FIRE FIGHTING PROCEDURES:

Firefighters must wear full facepiece self-contained breathing apparatus in positive pressure mode. Solid stream of water may scatter and spread fire. Fine water spray can be used to keep fire-exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

This product will ignite when exposed to heat or flame. Rubber burns with intense heat and produces dense smoke. Incomplete combustion produces oils and dense soot (carbon black).

HAZARDOUS COMBUSTION PRODUCTS:

Smoke, fumes or vapors, oxides of carbon and sulfur.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Confine and segregate product for reuse; place material into approved containers for disposal. Do not discharge into lakes, ponds, streams or public waters.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep this and other chemicals out of reach of children.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	PEL ppm	PEL mg/m3
Styrene – Butadiene – Styrene Block Copolymer	NE	NE	NE	NE	NE	NE	NE	NE
Petroleum distillate, hydrotreated heavy paraffinic		5		10			NE	NE
Carbon black (a)		3.5			3.5			3.5
Zinc oxide (as zinc) (b)		5		10	10			10

PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Not normally needed for routine handling.

PROTECTIVE GLOVES:

Recommended for general protection

EYE PROTECTION:

Recommended for general protection Refer to 29 CFR 1910.133 or European Standard EN166.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Safety eyewash station nearby.

WORK / HYGIENIC PRACTICES:

Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Cured pad, uncured face gum, slight metallic odor.	VAPOR PRESSURE NA
pH NA	SPECIFIC GRAVITY (WATER = 1) 2.25-2.3
MELTING POINT NA	SOLUBILITY IN WATER Insoluble
FLASH POINT NR	VISCOSITY Solid
FLAMMABLE LIMITS LEL: NR UEL: NR	VAPOR DENSITY (AIR = 1) NA
AUTOIGNITION TEMPERATURE NR	EVAPORATION RATE (WATER = 1) NA

SECTION 10 - STABILITY AND REACTIVITY

STABILITY STABLE	CONDITIONS TO AVOID: None
INCOMPATIBILITY (MATERIALS TO AVOID): Strong Oxidizers.	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, sulfur, toxic fumes or vapors and smoke may be produced.	
HAZARDOUS POLYMERIZATION: Will not occur.	CONDITIONS TO AVOID: None related to polymerization.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Styrene - Butadiene - Styrene Block Copolymer	9003-55-8 NR	NE	NE
Petroleum distillate, hydrotreated heavy paraffinic	64742-52-5 265-155-0	ND	ND
Carbon black (a)	1333-86-4 215-609-9	440 mg / kg Intravenous - mouse	NE
Zinc oxide (as zinc) (b)	1314-13-2 215-222-5	7950 mg / kg Oral-Mouse	2500 mg / m3 Inhalation - mouse

SECTION 12 - ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. None of the ingredients in this mixture are classified as a Marine Pollutant.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Dispose of in accordance with Local, State, and Federal Regulations. Do not flush to sanitary sewer or waterway. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals. According to the European Waste Catalogue, waste codes are application specific and should be assigned by the user based on the application for which the product is used.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not regulated for transport.	
DOT HAZARD CLASS / Pack Group: Not regulated.	IATA HAZARD CLASS / Pack Group: Not regulated.
REFERENCE: 49 CFR	IMDG HAZARD CLASS: Not regulated
UN / NA IDENTIFICATION NUMBER: None	RID/ADR Dangerous Goods Code: None
LABEL: None required.	UN TDG Class / Pack Group: None
HAZARD SYMBOLS: None	Hazard Identification Number (HIN): None

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

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SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act): All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume or Polymer Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):

Acute Health: **NO** Chronic Health: **NO** Reactive: **NO**

Fire: **NO** Sudden Release of Pressure: **NO**

SARA 313 REPORTABLE INGREDIENTS: b) Zinc Oxide (as Zinc) CAS#1314-13-2 is a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40CFR 372.

CERCLA (USA - Comprehensive Response Compensation and Liability Act): **No applicable RQ's listed.**

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: There is a chemical present (carbon black) known to the state of California to cause cancer or reproductive toxicity. As the carbon black in this product is not in a respirable form, California Proposition 65 is not applicable.

CPR (Canadian Controlled Products Regulations): **Not Controlled.**

CIDL (Canadian Ingredient Disclosure List): Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): Listed in the CDSL.

EINECS (European Inventory of Existing Commercial Chemical Substances): **Ingredients are referenced.**

WGK Water Quality Index: **NA**

RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:
R20 Harmful by inhalation. R36/37/38 Irritating to eyes, respiratory system and skin. R45: May cause cancer. R65 Damaging to lungs when swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.	 T: Toxic  I: Irritant	S2: Keep out of the reach of children. S25: Avoid contact with eyes.

SECTION 16 - OTHER INFORMATION

Legend:

ACGIH - American Congress of Government Industrial Hygienists
CAS - Chemical Abstracts Service
EINECS - European Inventory of Existing Commercial Chemical Substances
HMIS - Hazardous Materials Identification System
IARC - International Agency for Research on Cancer
NA - Not Applicable **ND - Not Determined**
NE - Not Established **NR - Not Reported**
NIOSH - National Institute for Occupational Safety and Health
NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration

HMIS HAZARD RATINGS	HEALTH: FLAMMABILITY: PHYSICAL HAZARD: PERSONAL PROTECTIVE EQUIPMENT:	1 1 0 B	0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME
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REVISION SUMMARY: Revised to GHS protocols 12/8/2010 supersedes 13/01/2009 issue. --JTV/LB--

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.