

MATERIAL SAFETY DATA SHEET

Product Name: EXTRUDER CLEANER  
 Product Code: 96-430, 96-431, 14-994

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 Issue Date: Sept 14, 2005

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) 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: EXTRUDER CLEANER  
 DOT PROPER SHIPPING NAME: N/A  
 ID NUMBER: N/A  
 DOT HAZARD CLASSIFICATION: N/A

**SECTION I - HAZARDOUS COMPONENTS**

Components	Percent	Exposure Limits	Units	Agency	Type
HYDROTREATED HEAVY NAPHTHENIC CAS # 64742-52-5	7.1	5mg/m3 Oil Mist		OSHA; ACGIH	
TITANIUM DIOXIDE CAS #13463-67-7	3.6	10mg/m3 (Total Dust) 5mg/m3 (Respirable)		OSHA OSHA	PEL PEL
KAOLIN CLAY CAS# 1332-58-7	11.0	15mg/m3 (Total Dust) 15mg/m3 (Respirable)		OSHA OSHA	PEL PEL
AMORPHOUS SILICA CAS #007631-86-9	9.6	6mg/m3 (Total Dust)		OSHA	PEL

**SECTION II - EMERGENCY & FIRST AID PROCEDURES \*\*\*\*\*EMERGENCY\*\*\*\*\***

Have a physician call Los Angeles  
 POISON INFORMATION CENTER (24 hrs.)  
 1-800-356-3129

**INHALATION:** Not expected to be compound-related effect. Remove to fresh air. If not breathing, give artificial respiration, preferable mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician at once.

**SKIN:** Compound-related effects not expected to require first aid. If any irritation develops or persists, see a physician.

**INGESTION:** Compound-related effects not expected. If ingested, treat symptoms.

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### SECTION III - HEALTH HAZARDS/ROUTES OF ENTRY

**PRIMARY ROUTES OF ENTRY:** Inhalation ( \* ) Skin ( ) Ingestion ( )  
\*During hot processing, e.g. curing

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** No applicable information available.

**ACUTE HEALTH HAZARDS AND EXPOSURE SYMPTOMS:** None known or expected. Ingredients are bound to rubber so inhalation exposure during handling is not a problem. Exposure to volatiles released during hot processing such as curing may cause respiratory nose or eye irritation in some people.

**CHRONIC HEALTH HAZARDS AND EXPOSURE SYMPTOMS:** Long term inhalation exposure to concentrated hot processing fumes have been reported to reduce lung function and cause chronic bronchitis.

**CARCINOGENICITY:** Rubber compound not listed by NTP, IARC, OSHA, or otherwise known to be a carcinogen.

### SECTION IV - SPECIAL PROTECTION INFORMATION

**RESPIRATORY:** Not normally needed for routine handling. If curing fumes are a problem, a NIOSH approved air purifying respirator with HEPA filters may be used. Select and use respirators in accordance with OSHA 1910.134 and the respirator manufacturer.

**VENTILATION:** Good manufacturing practices demands that inhalation of fumes and volatiles from further hot processing of rubber compounds must be avoided. Exhaust ventilation is usually necessary for operations which produce fumes, such as curing. Provide effective exhaust ventilation at all operations capable of producing fumes to prevent routine inhalation.

**OTHER PROTECTIVE EQUIPMENT:** Gloves are needed when handling hot rubber to prevent burns.

**WORK AND HYGIENE PRACTICES:** Maintain good personal hygiene when working with rubber compounds. Wash hands and other exposed skin surfaces thoroughly at all breaks and at end of the work shift.

### SECTION V - REACTIVITY DATA

**STABILITY:** Stable

**CONDITIONS TO AVOID:** None known.

**INCOMPATIBILITY:** No known material to avoid.

**HAZARDOUS DECOMPOSITION:** Oxides of carbon and sulfur under burning conditions.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None known.

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### SECTION VI - SPILL OR LEAK PROCEDURES \*\*HIGHWAY /RAILWAY SPILLS\*\*

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(Collect) 1-813-248-0585 International

**SPILLS:** Uncontaminated product may be picked up and used. Contaminated product or used product should be handled as solid waste.

**DISPOSAL:** Dispose of in accordance with local, state, or federal regulations regarding disposal of polymeric waste.

#### SECTION VII - STORAGE AND SPECIAL PRECAUTIONS

**STORAGE:** Store in cool, dry location.

#### SECTION VIII - FIRE & EXPLOSION HAZARD DATA

**FLASH POINT:** N/A

**FLAMMABLE LIMITS:** Not established.

**EXTINGUISHING MEDIA:** Water, foam, dry chemical, carbon dioxide.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full body protective clothing and full face piece, self-contained breathing apparatus operated in positive-pressure mode.

**UNUSUAL FIRE AND EXPLOSION HAZARD:** Do not enter confined or enclosed space without proper protective equipment, i.e., self-contained breathing apparatus. Burning may produce oxides of carbon and sulfur.

#### 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:** Insoluble

**SPECIFIC GRAVITY:** 1.07      **APPEARANCE:** White

**ODOR:** Characteristic rubber odor.

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#### SECTION X - DOCUMENTARY INFORMATION

ISSUE DATE: 9/14/05

PRODUCT CODE NO: 96-430, 96-431,  
14-994

PREV. DATE: 10/8/03

PREV. PROD. CODE NO: 96-430

MSDS NO: 0141

PREV. MSDS NO: N/A

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