

**PATCH RUBBER COMPANY**  
**MATERIAL SAFETY DATA SHEET**

**Product Name:** ACTIVATOR FOR BUTYL INNERLINER  
**Product Code No:** 16-239, 16-240

**Page:** 1 of 4  
**Issue Date:** Jan. 8, 2009

**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

<b>SECTION 1: PRODUCT IDENTIFICATION</b>
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**PRODUCT NAME:** ACTIVATOR FOR BUTYL INNERLINER SEALER  
**CHEMICAL NAME:** Manganese Dioxide – (Type II) Paste Mixture  
**CAS#:** Mixture  
**FORMULA:** Mixture  
**HMIS RATING:** Health 2  
Flammability 1  
Reactivity 0

<b>SECTION 2 - HAZARDOUS INGREDIENTS</b>		
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Chemical	CAS NUMBER	% WT	TLV (Units) ACGIH - TWA
Manganese Dioxide	1313-13-9	60	0.20 mg/M <sup>3</sup> (as Mn)
Partially Hydrogenated Terphenyls Mixture*		<40	Not Established

\*The partially Hydrogenated Terphenyls component of this product can consist of one, some or all of the following CAS#'s: 61788-32-7, 68956-74-1 and 26140-60-3.

<b>SECTION 3: PHYSICALS &amp; CHEMICAL DATA</b>
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**APPEARANCE:** Thick black/brown paste, negligible odor.  
**SPECIFIC GRAVITY:** 1.42 (cal.)  
**WATER SOLUBILITY:** Negligible

<b>SECTION 4: FIRE PROTECTION</b>
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**FLASH POINT (°F)** >300 COC  
**EXTINGUISHING MEDIA:** Water fog, carbon dioxide, dry chemicals, foam.  
**SPECIAL FIREFIGHTING PROCEDURES:** Fire fighter should wear self-contained breathing apparatus and protective clothing when fighting fires.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** May decompose with the liberation of oxygen at 535 °C  
Cool surrounding materials with water.

**SECTION 5: REACTIVITY DATA**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Excessive temperatures, contamination.

**INCOMPATIBLE MATERIALS:** Strong oxidizers, reducing agents.

**DECOMPOSITION PRODUCTS:** Oxygen, oxides of carbon, dense smoke.

**POLYMERIZATION POTENTIAL:** None

**SECTION 6: HEALTH HAZARD INFORMATION**

**PRECAUTIONARY INFORMATION:** Avoid contact with skin and eyes. Do not ingest. Use with adequate ventilation.

**PRIMARY ROUTE OF ENTRY:**

**INHALATION:** Unlikely at ambient temperatures.

**SKIN ABSORPTION:** No

**INGESTION:** Unlikely

**SKIN AND EYES:** Yes

**SKIN:** Prolonged contact may cause irritation in some individuals.

**EYE:** Direct contact may cause painful stinging or burning, watering eyes.

**INGESTION:** May cause nausea, vomiting and abdominal cramps.

If left untreated exposure to manganese may cause apathy, insomnia, weakness in legs, slow monotonous speech, muscular twitching, nocturnal cramps in the calves and stiffness of leg muscles, peculiar slapping gait, uncontrollable laughter, drooling and crying. Excessive absorption of manganese must be verified by medical examination and biological analysis.

**SECTION 7: EMERGENCY FIRST AID PROCEDURES**

**SKIN:** Wash with plenty of soap and water. Consult physician if irritation persists.

**EYES:** Irrigate with water for at least 15 mins. Consult physician if irritation persists.

**INGESTION:** Give plenty of water if victim is conscious. Consult physician immediately.

**SECTION 8: PRECAUTIONS FOR SAFE HANDLING AND STORAGE**

Use all standard practices for good personal hygiene. Avoid ingestion. Wash thoroughly after handling. Do not use near food or feed products. Launder contaminated clothing before reuse. Contaminated clothing and shoes must not be worn home and should be removed before entering eating areas.

Store in cool, dry location away from all sources of heat and flames. Keep containers closed to prevent contamination. Avoid excessive temperatures.

## **SECTION 9: SPILL AND LEAK PROCEDURE**

**WORKPLACE RELEASES:** Do not flush into sewers. Remove all possible ignition sources. Use non-sparking tools. Scoop or scrape up excess. Absorb remainder on inert material. Dispose of in accordance with federal state and local regulations.

**SOIL RELEASE:** Do not flush into sewers. Scoop up contaminated soil and place in dry recovery drums. Dispose of as laws and regulations allow.

**WATER RELEASE:** Notification of the proper governing agency may be appropriate.

**AIR RELEASE:** Unlikely to be released to the air because of low volatility.

## **SECTION 10: SPECIAL PROTECTION INFORMATION**

**VENTILATION:** Adequate mechanical ventilation is recommended.

**RESPIRATORY PROTECTION:** Typically not required under normal use.

**PROTECTIVE GLOVES:** Impervious rubber gloves.

**EYE PROTECTION:** Safety glasses.

**OTHER:** Protective clothing.

## **SECTION 11: DOT HAZARD CLASS**

Not required.

## **SECTION 12: TSCA STATUS**

All components of this mixture are listed on the TSCA inventory.

## **SECTION 13: TOXICOLOGICAL INFORMATION**

No data at this time.

## **SECTION 14: ECOLOGICAL INFORMATION**

No information at this time.

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## **SECTION 15: SECTION 313 NOTIFICATION**

This product contains the following toxic CHEMICALS subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40CFR 372.

<u>Cas#</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
N/A	Manganese Compounds	60 Max.

**SECTION 16: OTHER INFORMATION**

Contact the manufacturer regarding any questions or concerns about this material.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

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**PREPARED BY: Marlo Carter**