

31 Incorporated
P.O. Box 278
Newcomerstown, OH 43832 USA
(740) 498-8324

MATERIAL SAFETY DATA SHEET

24 Hour Emergency Service: CHEM•TEL INC. (800) 255-3924

I. IDENTIFICATION

PRODUCT NAME: 14-438 A & B Rubber Compound
CHEMICAL NAME: N/A
FORMULA: Toluene & Natural Rubber Acc.
SYNONYMS: EDP #0438
DEPARTMENT OF: HAZARD CLASSIFICATION NOS. CFR49 Flam. Solid
TRANSPORTATION: CFR 49 SHIPPING NAME: ORM-D
CAS#: N/A CAS NAME: N/A

II. PHYSICAL DATA

BOILING POINT: N/A
SPECIFIC GRAVITY: N/A
VAPOR DENSITY: N/A
PERCENT VOLATILES BY VOLUME: 50%
APPEARANCE AND ODOR:
FREEZING POINT: N/A
VAPOR PRESSURE AT 20° C.: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER (% BY WEIGHT): N/A

III. INGREDIENTS

| MATERIAL | % | TLV UNITS | HAZARD | CAS# |
|----------------|-----------|-------------|----------------------|-----------|
| Toluene * | 45 – 55% | 100 PPM | Flammable – Irritant | 108-83-3 |
| Carbon Black | 10 – 20 % | 3.5 mg / m3 | Irritant | 1333-86-4 |
| Natural Rubber | 30 – 50 % | N/A | N/A | N/A |

IV. FIRE AND EXPOSURE HAZARD DATA

FLASH POINT (TEST METHODS): 40°F CC
FLAMMABLE LIMITS IN AIR (% BY VOLUME): LOWER: 1.27 ; UPPER: 7.0
EXTINGUISHING MEDIA: Foam, CO2, Dry Chemical
SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE & HAZARD EXPLOSION HAZARDS: None

* All chemical compounds marked with an asterisk are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super Fund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372

V. HEALTH HAZARD DATA

EXPOSURE LIMITS TLV, PEL, AND SOURCE: See Section III

ACUTE EFFECTS OF OVEREXPOSURE:

SWALLOWING: Irritant

SKIN ABSORPTION: Irritant

INHALATION: Irritant

SKIN CONTACT: Irritant (Mild)

EYE CONTACT: Irritant (Mild)

CHRONIC EFFECTS OF OVEREXPOSURE: N/A

OTHER HEALTH HAZARDS: N/A

EMERGENCY & FIRST AID PROCEDURES

SWALLOWING: Give 2 glasses of water. DO NOT induce vomiting. Call a physician immediately

SKIN: Wash with soap and water. Remove contaminated clothing.

INHALATION: Give oxygen

EYES: Flush with water for 15 minutes. Get prompt medical attention

PRIMARY ROUTE OF ENTRY: Inhalation

NOTE TO PHYSICIAN: I

VI. REACTIVITY DATA

STABILITY

UNSTABLE: STABLE: X CONDITIONS TO AVOID:

INCOMPATIBILITY (MATERIALS TO AVOID):

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION

MAY OCCUR: WILL NOT OCCUR: X CONDITIONS TO AVOID:

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Clean up and dispose per Federal, State, and Local regulations

WASTE DISPOSAL METHOD:

Clean up and dispose per Federal, State, and Local regulations

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): None

VENTILATION: Keep concentration below LTV

PROTECTIVE GLOVES: N/A

EYE PROTECTION: Safety Goggles

OTHER PROTECTIVE EQUIPMENT: Regular work clothes

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

OTHER PRECAUTIONS: None

X. CARCINOGEN EVALUATION

XI. MSDS PREPARATION INFORMATION

THIS MSDS WAS PREPARED BY:

Charles Muhs
Technical Advisor
31 Incorporated
100 Enterprise Drive
Newcomerstown, OH 43832

THIS MSDS WAS LAST UPDATED ON: (DATE) Jan. 1, 2010

XII. HMIS RATING

| | | | |
|---------|---------------|-------------|-----------------------------|
| HEALTH: | FLAMMABILITY: | REACTIVITY: | PERSONAL PROTECTIVE EQUIP.: |
| 1 | 3 | 0 | A |

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY THE MATERIALS IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE DATA SHEET. ADDITIONALLY, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ABNORMAL USE OF THE MATERIAL, EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED. FURTHERMORE, VENDEE ASSUMES THE RISK IN HIS USE OF THE MATERIAL.