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9701211

9710213

470

MATERIAL SAFETY DATA SHEET

A. PRODUCT IDENTIFICATION

MANUFACTURER'S NAME

Union Rubber, Inc.

REGULAR TELEPHONE NO. (609) 396-9328
EMERGENCY TELEPHONE NO. (606) 324-1133

ADDRESS

232 Allen Street, Trenton, New Jersey 08606 P.O. Box 1040

PRODUCT NAME

BEST TEST Paper Cement

CHEMICAL NAME

Natural Rubber dissolved in solvent

SHIPPING

DOT: Cement, rubber

DOT IDENT. NO. NA1133

NAME

IATA: Cement, rubber

IATA IDENT. NO. UN1133

B. COMPONENTS AND HAZARD INFORMATION

COMPONENTS

Heptane
Natural Rubber
Non Hazardous Processing Aids
Total

CAS NO. OF
COMPONENTS
142-82-5
69006-04-6

APPROXIMATE
CONCENTRATION
87.0%
12.9%
00.1%
100.0%

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

Health
1

Flammability
3

Reactivity
0

EXPOSURE LIMITS IN AIR FOR HEPTANE

OSHA PEL (Permissible Exposure Limit) 400 ppm

ACGIH TLV (Threshold Limit Value) 400ppm

C. EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN CONTACT

In case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water.

INHALATION

If overcome by vapor, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen, if available.

INGESTION

If ingested, DO NOT induce vomiting; call a physician immediately

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4-28-200

D. FIRE AND EXPLOSION HAZARD INFORMATION**FLASH POINT**

Less than -57°C (68°F)

EXPLOSIVE LIMIT

Estimated Lower Limit 1.1%

HANDLING PRECAUTIONS

Keep product away from heat, sparks, pilot lights, static electricity and open flame.

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES:

Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents are suitable for extinguishing fires involving this product.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS

Fumes, smoke, carbon monoxide, aldehydes and other decomposition products, in the case of incomplete combustion.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) - HAZARD IDENTIFICATIONHealth 1
Flammability 3
Reactivity 0**E. HEALTH AND HAZARD INFORMATION****EFFECTS OF ACUTE OVEREXPOSURE**

High vapor concentrations are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, fatigue, nausea, and even asphyxiation. If swallowed can cause gastrointestinal irritation, vomiting and diarrhea. Prolonged or repeated skin contact with this product tends to remove skin oils possibly leading to irritation and dermatitis.

Prolonged contact with eyes may cause eye irritation.

CARCINOGENICITY

This product is NOT listed as a carcinogen or potential carcinogen by The American Conference of Governmental Hygienists (ACGIH), The National Toxicology Program (NTP) or The National Institute for Safety & Health (NIOSH).

F. PHYSICAL DATA

The following data are approximate or typical values and should not be used for precise design purposes.

Boiling Range

92-100°C (198-212°F)

Specific Gravity (H₂O=1)

0.70

Melting Point

Liquid

pH

Essentially neutral

Volatiles Organic Compound Emissions (VOC)

5.04 lbs./gal

Vapor Pressure

Approximately 40 mm Hg @ 20°C (68°F)

Vapor Density (Air=1)

Approximately 3.5

Percent Volatile by Volume

91 @ 1 atm and 25°C (77°F)

Evaporation rate (n-Butyl Acetate=1)

4.5

Product Appearance and Odor

Pale straw color. Mild, bland, pleasant odor.

G. REACTIVITY

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

H. SPILL OR LEAK PROCEDURES

Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Continue to observe precautions for volatile, flammable vapors from adsorbed material.

I. PROTECTION AND PRECAUTIONS**VENTILATION**

Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. Use explosion proof equipment. No smoking or open lights.

RESPIRATORY PROTECTION

Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

PROTECTIVE GLOVES

Use chemical resistant gloves, if needed, to avoid prolonged or repeated skin contact.

EYE PROTECTION

Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT

Use chemical resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

WORK PRACTICES/ENGINEERING CONTROLS

Keep containers and storage containers closed when not in use. Do not store near heat, sparks, flames or strong oxidants.

PERSONAL HYGIENE

Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Remove contaminated clothing, launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean and dry before reuse. Clean skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.