

MATERIAL SAFETY DATA SHEET

H=1
F=3

R=0
PPE=B

e-27 Seam Cleaner For ethos® Roll Goods



I - PRODUCT IDENTIFICATION

NAME: C & A Floorcoverings
e-27 Seam Cleaner
CLASS: Solvent

II - TRANSPORTATION DATA

D.O.T. SHIPPING NAME: Flammable liquids, n.o.s. (2 - propanol)
D.O.T. HAZARD CLASS: 3 PG II
D.O.T. IDENTIFICATION NO.: Flammable Liquid, UN 1219
LABEL REQUIRED: Flammable Liquid 3 -Red.
FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure or Accident
Call Chemtrec - Day or Night 1-800-424-9300

III - PRODUCT CONTAINS

This product does NOT contain chemicals subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR 372. All Components are on TSCA inventory. This product does NOT contain asbestos.

Revised: 06/04

C & A Floorcoverings
P.O. Box 1447 · 1000 Vista Drive
Dalton, GA 30721
Emergency Telephone: 1 (800) 424-9300
Information Telephone: 1(706) 259-9711
International Emergency:
Call USA 202-483-7616

IV - HAZARDOUS INGREDIENTS

% BY WEIGHT

OCCUP. EXPOS. LMT.:

VAP. PRESS.:

INGREDIENT:

2 - Propanol, CAS # 67-63-0

90-100%

PEL: TLV: STEL:
400 ppm^b 400 ppm 150ppm

31.2 mm Hg @ 68°F.

V - PHYSICAL DATA

APPEARANCE: Clear, colorless liquid. ODOR: Strong alcohol. SOLUBILITY IN WATER: fully miscible. BOILING POINT: 108°F. VAPOR DENSITY: Heavier than air. EVAPORATION RATE: (Ethyl ether=1) 7.7 % VOLATILE VOLUME: Approx. 90 - 100% WT/GAL: 6.56 lbs. VOC CONTENT: 786 g/l, calculated @ 70°F/21°C, SCAQMD Non-Photochemically Reactive.

VI - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD): 53°F (TCC). LOWER EXPLOSIVE LIMIT: 2.0% UPPER EXPLOSIVE LIMIT: 12.0%. EXTINGUISHING MEDIA: Foam, dry chemical, water fog, CO₂. HAZARDOUS DECOMPOSITION PRODUCTS: If burned, produces carbon monoxide, dioxide and other harmful products. UNUSUAL FIRE AND EXPLOSION HAZARDS: Highly flammable vapors, heavier than air may accumulate in low areas or spread along ground to a distant source of ignition. Closed containers exposed to extreme heat may rupture due to pressure buildup. SPECIAL FIREFIGHTING PROCEDURES: Use NIOSH/MSHA approved SCBA and other protection as required

VII - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Inhalation, skin and eye contact. EFFECTS OF OVEREXPOSURE: ACUTE: Can cause severe eye irritation; blurred vision and eye damage. Skin contact may cause skin irritation. Prolonged or repeated contact may cause dermatitis or defatting. Inhalation of high vapor concentrations is irritating to the eyes and respiratory tract and may cause headaches, numbness of the extremities, drowsiness, and other central nervous system effects. In extreme cases, asphyxiation may occur. Ingestion can cause gastric disturbances. Swallowing or vomiting can cause aspiration pneumonitis, evidenced by coughing, labored breathing and bluish skin. CHRONIC: TARGET ORGANS: CNS, liver and kidneys. Occupational overexposure to solvents may lead to permanent brain and nervous system damage, kidney and liver effects. CARCINOGENICITY: No ingredient has been reported as a carcinogen by the IARC, NTP or OSHA. REPRODUCTIVE TOXICITY: May be harmful to fetus, based on laboratory animal overexposure study. MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Pre-existing skin, eye, respiratory disorders, impaired liver or kidney functions. EMERGENCY OR FIRST AID PROCEDURES: EYES: Immediately flush eyes with plenty of running water for at least 15 minutes, lifting upper and lower lids occasionally. Remove contact lenses. Get immediate medical attention. Remove contaminated clothing and thoroughly wash affected skin with soap and water. If irritation or redness develops, get medical attention. INHALATION: If inhalation problems occur, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get immediate medical attention. Exposure to high concentrations of solvent may be associated with cardiac arrhythmias. INGESTION: Aspiration hazard: If victim is conscious, give 2-4 cupfuls of milk or water. Induce vomiting by giving one teaspoon of Syrup of Ipecac. Never give anything to an unconscious person. If victim is drowsy or unconscious, place on the left side with the head down. If possible, do not leave victim unattended. Keep person warm, quiet and get immediate medical attention.

VII - REACTIVITY DATA

STABILITY: Stable. HAZARDOUS POLYMERIZATION: Will not occur. CONDITIONS TO AVOID: Open flame, sparks, heat. INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids, bases, oxidizers, aldehydes, and halogens. Do Not use with aluminum containers or equipment above 120°F.

IX - SPILL OR LEAK PROCEDURES

SPILLS: Remove or extinguish all sources of ignition in the area, including equipment, which may spark. Ventilate confined spaces. Open all windows and doors. Wear protective equipment as exposure conditions warrant. Clean with absorbent materials and scoop material into DOT approved container. Remove to a safe place to dry. WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations. Do not flush product down drains.

X - SAFE HANDLING AND USE INFORMATION

VENTILATION: Extremely flammable vapors may ignite explosively or cause flash fire. Adequate ventilation is essential to prevent exceeding occupational exposure limits or buildup of explosive concentrations of vapors. Open all windows and doors and utilize other fire-safe means to assure fresh air entry and exhaust during use and until vapors are gone. FIRE PREVENTION: Vapors are heavy and can flow to a distant source of ignition. Extinguish all flames, including pilot lights (the surest way to put out gas pilot lights is to turn off the main gas valve). Turn off all electrical appliances. Disconnect electric pilot lights or "spark ignition systems." Do not use electrical switches, fans or tools, such as electrical drills. Do not smoke. RESPIRATORY PROTECTION: Wear NIOSH, OSHA and ANSI approved respiratory protection when the stated exposure limits may be exceeded. PROTECTIVE GLOVES: Nitrile rubber gloves to avoid prolonged or repeated skin contact. EYE PROTECTION: Goggles to prevent eye contact OTHER PROTECTIVE EQUIPMENT: A source of clean water should be available in the work area for flushing eyes and skin. Wear impervious clothing as needed. HYGIENIC PRACTICES: Avoid breathing vapor. Avoid prolonged or repeated contact with the skin. Remove contaminated clothing and shoes and thoroughly clean before reuse. Wash skin thoroughly with waterless hand cleaner followed by washing thoroughly with soap and water.

XI - SPECIAL PRECAUTIONS

HANDLING AND STORING: Use and store in a cool, dry, well-ventilated area away from incompatible materials. Keep away from heat, sparks, flames and all other sources of ignition. OTHER PRECAUTIONS: Keep out of reach of children. Use only as directed on label. Close container after each use. Do not reuse container. Avoid skin and eye contact. Empty containers may contain residue. Do not pressurize, weld, braze, solder, drill, grind or expose empty containers to heat, sparks or open flames. WORK SITE ENVIRONMENT: Initially there may be a potential adverse impact on indoor air quality within the general work area during the installation process. Therefore you should advise the building manager or other appropriate person that: It will be necessary to establish and maintain adequate ventilation of the work area without causing the entry of contaminants to other parts of building. Persons who are sensitive to odors and/or chemicals should be advised to avoid the work area during this process.