MATERIAL SAFETY DATA SHEET – ART GUM RUBBER CEMENT

Hazardous according to criteria of Work Safe Australia

PRODUCT IDENTIFICATION
Product Trade Name: Art Gum Rubber Cement
UN: 1133 Shipping Name: Adhesive containing Flammable Liquid
Class: 3 Pkg: II
Poison Schedule: S3 Hazchem Code: 3(Y)E

PHYSICAL DATA:
Appearance: Viscous liquid with solvent odour
Boiling Point: 78-101 degrees C
Flash Point: <-20 degrees C
Solubility in Water: Immiscible
Stability: Stable at normal temperatures and pressures

HEALTH HAZARD INFORMATION:
Emergency Overview: Highly flammable, harmful by inhalation, ingestion and by skin and eye contact.
Acute Swallowed: Moderately toxic. Tends to break up into a foam if the patient vomits. Upon aspiration into the lungs, chemical pneumonitis may develop.
Acute Eye: Irritating to the eye.
Acute Skin: Mildly irritating to the skin, frequent or prolonged contact can cause skin complaints such as dermatitis.
Acute Inhaled: Irritating to the system. Prolonged exposure to vapours may cause headaches, impairment of judgement, Central Nervous System depression that in extreme cases can lead to unconsciousness or death.
Chronic Inhalation: Repeated or skin exposure to n-hexane has been noted to cause peripheral neuropathy in exposed individuals. Both sensory and motor nerve damage has been documented with long term exposures of greater than 500ppm. Cessation of exposure is not immediately followed by improvement and symptoms may even progress for 2-3 months. Final recovery may take more than one year depending on the severity of the limits.

FIRST AID:
Swallowed: DO NOT induce vomiting. Give 1-2 glasses of water and obtain medical assistance. Should the patient vomit, maintain a clear airway until medical assistance is obtained.
Eye: Flush with water for fifteen minutes. It is advisable to obtain medical advice concerning any eye injury.
Skin: Hose down with water before removing clothing due to possibility of static discharge igniting vapour. Wash affected areas with soap and water thoroughly. Allow clothing to thoroughly air dry then launder before use.
Inhaled: Carefully remove persons to fresh air, avoid becoming affected yourself. If patient is severely affected obtain medical assistance. If the person stops breathing apply artificial respiration and other first aid techniques as required until medical assistance is obtained.
Advice to Doctor:
Oral: Gastrointestinal irritation, nausea, vomiting and cramping, CNS depression ranging from mild headache to anaesthesia and coma. Pulmonary irritation secondary to exhalation of solvent. Lavage with a cuffed tube if a large quantity is ingested. Aspiration is the main danger. Enforced bed rest and observe carefully and observe for 24 hours for chemical pneumonitis.
Inhalation: CNS depression characterised by headache and dizziness that in extreme cases can lead to unconsciousness and death.

FIRE FIGHTING MEASURES:
Product is FLAMMABLE and does represent a FIRE and EXPLOSIVE HAZARD.
Excessively heated sealed drums may rupture EXPLOSIVELY.

SOURCES OF IGNITION ADVICE: Isolate from all sources of heat, naked flames and sparks, including static discharges. Prevent build up of flammable vapours. Vapour and air mixtures may ignite explosively.

DANGEROUS DECOMPOSITION: Carbon dioxide, carbon monoxide and other unidentified thermal decomposition products.
FIRE FIGHTING RECOMMENDATIONS: Use water, fog, foam, CO2 or Dry Chemical.

Handling and Storage: Keep away from heat, naked flames or sparks including static discharges. Use appropriate earthing techniques when transferring liquid from one container to another. Store away from oxidising agents. Keep containers closed at all times when not in use.

EXPOSURE CONTROLS & PERSONAL PROTECTION:
Exposure: This material contains the following materials for which exposure limits have been set by WORKSAFE AUSTRALIA, as listed in the “EXPOSURE STANDARDS FOR ATMOSPHERIC CONTAMINANTS IN THE OCCUPATIONAL ENVIRONMENT 2ND EDITION OCTOBER 1991” is as follows:

- n-hexane: TWA: 50 ppm, STEL: NOT NOTED
- Other isomer of hexane: TWA 500 ppm, STEL: 1,000 ppm

Ventilation: Provide explosion proof ventilation sufficient to maintain exposure levels below the listed exposure limits.

PERSONAL PROTECTION:
Respiratory type (AS1716) Organic Vapour Mask: If exposed to mist or vapours at up to 10 times the exposure limit. Above this level use air supplied or self contained breathing apparatus.

Glove type: Impervious gloves should be worn to prevent skin contact. Consult Industrial glove supplier for suitable glove.

Eye: Goggles or face shield to avoid skin contact.

Clothing: Sufficient to avoid skin contact.

Environmental Information: No data available for this product. Do not allow to enter the environment. Waste Material should be collected and disposed of according to the relevant Local State or Federal Regulations.

Disposal: Refer to Land Waste Management Authority.

Transport Information: This material is a Class 3 Flammable Liquid according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Hazardous Classification: Harmful.

Risk Phrases: R11 Highly flammable, R20 Harmful by inhalation, R21 Harmful by contact with skin, R22 Harmful if swallowed

Safety Phrases: S9 Keep container in a well ventilated place, S16 Keep away from source of ignition. No Smoking, S24 Avoid contact with skin, S25 Avoid contact with eyes, S29 Do not empty into drains, S33 Take precautionary measures against static discharge, S51 Use only in well ventilated areas

The information given and the recommendations made herein apply to our product alone and not combined with any other product. Such are based on our research and on data from other reliable sources and is believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using the product to verify the data under their own operating conditions and to determine whether the product is suitable for their purposes.

Prepared by Dr Greg Sceney 22/01/2011

Supplier: Sceneys Pty Ltd, Ph: (03)9311 7477
17 Third Ave, Fax: (03)9312 6911
Sunshine Vic 3020 www.sceneys.com.au