



MATERIAL SAFETY DATA SHEET

Manufacturer / Supplier
TENCO WESTECH INDUSTRIES INC.
348 - 13988 Cambie Road
Richmond, B.C.V6V 2K4

Issued Date: Sept 20, 2010

Emergency Telephone Number:
Office Hours: (604)276-8538

SECTION 1 PRODUCT IDENTIFICATION & USE

Product No: 820
Product Name: Deccofix 820 / Contact Cement
Chemical Name/Family Name: Contact Adhesive or Contact Cement
Use: Contact cement
CAS Number: None assigned

SECTION 2 REPORTABLE / HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS NUMBER</u>	<u>% RANGE</u>	<u>EXPOSURE LIMITS</u>
Toulene	108-88-3	10-35%	100ppm TWA
n-Heptane	142-82-5	20-40%	400ppm TWA
Ethyl Acetate	141-78-6	5-10%	400ppm TWA

SECTION 3 PHYSICAL DATA

Material State	Mixture
Physical State	Liquid
Odor & Appearance	Brownish red liquid with typical hydrocarbon odor
Odor Threshold (ppm)	Not applicable
Vapor Pressure (mm/Hg)	Not available
Vapor Density (Air=1)	Not available
Evaporation	Rate > 1
Boiling Point	57 degree C
Viscosity	700 -1500 cps
Freezing Point	Not available, gels at 4 degree C
pH	Not applicable
Specific Gravity	0.84
Coefficient Water/Oil Distribution	Not applicable
Solubility in Water	Marginally soluble



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SECTION 4

FIRE & EXPLOSION DATA

Flammability:	Yes, vapor can cause flash fires & ignite explosively
Flashpoint:	< -18 degree C; Method: Pensky-Martens closed tester
Upper Flammable Limit:	10%
Lower Flammable Limit:	1%
Auto Ignition Temperature:	> 240 degree C
Sensitivity to Mechanical Impact:	No
Sensitivity to Static Discharge:	Yes
Extinguishing Media:	Foam, Carbon dioxide, Dry Chemical Halon 1211 or Halon 1301 Closed System
Special Fire Fighting Procedure:	Water or water foam may cause frothing if sprayed directly into container of hot burning liquid. This may be hazardous to fire-fighter. Best for fire-fighter to be equipped with breathing apparatus as protection against irritating or toxic fumes.
Explosion or Fire Hazards:	Vapors can cause flash fires and may ignite explosively
Hazardous Combustion Products:	Carbon monoxide, carbon dioxide, chlorine compounds, hydrocarbon of indeterminate nature (depending on environmental condition & reactive product present)

SECTION 5

HEALTH EFFECTS DATA

Stability:	Stable
Incompatibility:	Incompatible with strong oxidizing agent such as hypochlorite & peroxides.
Hazardous Decomposition Product:	Carbon monoxide. Carbon dioxide, chlorine compounds, hydrocarbon of indeterminate nature (depending on environmental conditions & reactive products present)



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SECTION 6

TOXICOLOGY PROPERTIES

Route of entry:	Skin contact, skin absorbant, eye contact, inhalation & ingestion
Effect of acute exposure - Ingestion:	Short term – moderate toxicity
Effect of acute exposure – Skin contact:	Frequent & prolong repeated contact may defat skin and lead to skin dryness and/or irritation leads to dermatitis
Effect of acute Inhalation:	High vapors concentration is irritating to the eyes and respiratory tract. May cause headaches & dizziness. Anesthetic and can affect central nervous system
Effect of acute eye contact:	On contact will glue eyelids together & injure eye tissues. Vapors are lachrymal. Moderate to severe irritation and can cause transient corneal injury
Effect of long-term exposure:	Affect target organs of respiratory system, central nervous system, skin & eyes
Carcinogenicity:	Unknown

Toulene

Oral LD50 - Rats	5500 mg/kg oral
Inhalation LD50 – Rats	8800 ppm for 4 hours
Dermal LD50 – Rabbit	14,000 mg/kg
Eye Irritation	350 ppm eye-human irritation, 2 mg/24 hr eye-rabbit leads to severe irritation.

Toulene is a eye, skin and mucous membrane irritant & central nervous system depressant. Toxicity of toluene can affect the liver, heart, kidney and blood system.



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SECTION 7

PREVENTIVE MEASURES

Personal protective equipment:	Normal working conditions and equipment.
Gloves:	Impervious natural rubber or neoprene gloves recommended
Respirator:	Not required under normal handling condition. If required when high vapor or mist level is present or irritates, use NIOSH approved respirator.
Eye:	Wear Safety Glasses, goggles or face shields to protect against splashes especially when opening drum lids or covers.
Footwear:	Wear normal working rubber shoes.
Clothing:	Long-sleeved coveralls and gloves to reduce skin contact. Launder contaminated clothing before reuse.
Engineering controls:	Local, good to use in well ventilated area to reduce vapor built-up.
Leak & Spill Procedure:	i) Spills can be absorbed with absorbent or clay & placed in container. ii) Floor spill can be washed with water or collected for disposal. Do not dump into sewer. Use approved waste disposal professionals

Shipping Information

Shipping Name:	Adhesives
P.I.N. Number:	UN1133
T D G Class:	3
Packaging Group:	II



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SECTION 8

FIRST AID

Ingestion:	If swallowed, induce vomiting if victim is alert. Do not try vomiting if patient is unconscious. Get prompt medical attention
Skin Contact:	Flush with water and soap.
Inhalation:	Move patient to well ventilated area with plenty of fresh air. If there is breathing difficulties, give artificial respiration. Get immediate medical attention.
Eye:	Flush with large amount of water holding eyelids open. Get medical help immediately. Cured adhesive may not bond well to surface of eye but can lead to corneal damage as a result of abrasion.

SECTION 9

TECHNICAL CONTACTS

Prepared by: Technical Department
348 - 13988 Cambie Road
Richmond, B.C. V6V 2K4
Tel: (604) 276-8538

The above information and recommendation are given on our product and are based on our research in our laboratory and data gathered from reliable sources and believed to be correct. We do not guarantee complete accuracy of the data. It is the users and purchasers' responsibility to verify, check and determine the suitability of the product for their own operating conditions and safety of their workers. Buyers exclusive remedy shall be for damages and no claims of any kind, whether as to the product delivered or for any delivery of products and whether based on contract, breach of contract, breach of warranty, negligence or otherwise shall be greater in amount than the purchase price of the quantity of product in respect which damages may be claimed. In no event shall seller be liable for consequential damage, whether buyer's claim is based on contract, breach of warranty, negligence or otherwise.