

IA-94
MATERIAL SAFETY DATA SHEET

CREATION DATE: JUNE 26, 1990
REVISION DATE: FEBRUARY 07, 2008

DURO DYNE CANADA INC.

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CANUTEC Emergency Telephone Number: (613) 996-6666

SECTION 01: IA-94 PRODUCT INFORMATION

TRADE NAME: DURO DYNE CAN DUCT LINER

PRODUCT CODE: 15-146R (IA-94-1=DUR017, IA-94-5=DUR016)

CAS NUMBER: Mixture

D.O.T. HAZARD CLASS: 3

UN #:1133

PROPER SHIPPING NAME: Adhesives

TECHNICAL NAME: Packing Group II

HAZARD RATINGS (none = 0, extreme = 4) HEALTH: 1, FIRE: 3, REACTIVITY: 0, PPI: G

PERSONAL PROTECTION: See section 08

MANUFACTURER:

ITW TACC

Air Station Industrial Park

Rockland, MA 02370

Emergency Telephone Number: (781) 878-7015 (Business Hours)

CANUTEC Emergency Telephone Number: (613) 996-6666

SECTION 02: IA-94 HAZARDOUS INGREDIENTS

Ingredient Name	CAS Number	Percent	TSCA
LIGHT ALIPHATIC NAPHTHA	64742-89-8	10-30	Y
HEXANE	110-54-3	15-40	Y
CYCLOHEXANE	110-82-7	3-10	Y
HEPTANE	142-82-5	10-30	Y
CYCLOPENTANE	287-92-3	1-5	Y

SECTION 03: IA-94 PHYSICAL DATA

PHYSICAL STATE: Liquid

APPEARANCE / COLOUR: Red

BOILING RANGE: 156 °F (68.89 °C)

WEIGHT / VOLUME MEASURE: 6.309

EPA METHOD 24 VOC: 528.7 g/L

PHOTO CHEM REACTIVE ONLY VOC: 528.7

SECTION 04: IA-94 FIRE AND EXPLOSION HAZARD

FLAMMABILITY CLASS: IB
FLASH RANGE: 0 °F. (–17.8 °C)
Tag Closed Cup
EXPLOSIVE RANGE: 1.5%
7.5%

EXTINGUISHING MEDIA:

Foam, dry chemical, carbon dioxide, water spray or fog.

SPECIAL FIREFIGHTING PROCEDURES:

Wear a self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Vapors are heavier than air and may travel to an ignition source distant from the material handling point.

DANGER !!!: EXTREMELY FLAMMABLE. VAPORS MAY CAUSE FLASH FIRE.

SECTION 05: IA-94 REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: Strong oxidizing agents, strong acids and bases.

CONDITIONS TO AVOID: Fire, sparks, static electricity.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning, including when heated by welding or cutting, will produce smoke, carbon monoxide and carbon dioxide.

SECTION 06: IA-94 TOXICOLOGICAL PROPERTIES

PERMISSIBLE EXPOSURE LEVEL: See Section 08

EFFECTS OF OVEREXPOSURE:

EYES: May cause severe eye irritation and corneal damage.

SKIN: May cause dermatitis. May cause defatting and irritation of the skin.

INHALATION: May cause nose or throat irritation. High concentrations may cause acute central nervous system depression characterized by headaches, dizziness, nausea and confusion.

INGESTION: Can cause gastrointestinal irritation, nausea and vomiting. Aspiration of material into lungs may cause chemical pneumonitis, which can be fatal.

SECTION 07: IA-94 PREVENTIVE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep spectators away.

Eliminate all ignition sources (flames, hot surfaces and sources of electrical, static or frictional sparks).

Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams and groundwater with spilled material or used absorbent.

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, provincial and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store above 95 °F (35 °C.) Store large quantities in compliance with OSHA regulations.

OTHER PRECAUTIONS: Do not take internally. Close container after each use. Keep away from children. Avoid skin contact. Empty containers must not be washed and re-used for any purpose. Never use pressure to empty. Drum is not a pressure vessel. Never use welding or cutting torch near drum. Keep away from any flame source.

Continued.....

SECTION 7 PREVENTIVE MEASURES Continued:

Occupational Exposure Limits:

Ingredient Name	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
LIGHT ALIPHATIC NAPHTHA	100 ppm	N/ est	N/ est	N/ est	500 ppm
HEXANE	400 ppm	N/ est	500 ppm	N/ est	500 ppm
CYCLOHEXANE	200 ppm	N/ est	N/ est	N/ est	200 ppm
HEPTANE	400 ppm	N/est	500 ppm	500 ppm	500 ppm
CYCLOPENTANE	N/est	N/est	1720 ppm	1720 ppm	600 ppm

RESPIRATORY PROTECTION: Wear suitable respiratory (MSHA/NIOSH approved or equivalent) where exposure limits are exceeded.

VENTILATION: Mechanical local exhaust ventilation at point of contaminant release.

PROTECTIVE GLOVES: Chemical resistant gloves.

EYE PROTECTION: Chemical splash goggles (ANSI Z-87.1 or approved equivalent).

OTHER PROTECTIVE EQUIPMENT: Wear impervious clothing and boots.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store above 95 °F (35 °C.) Store large quantities in compliance with OSHA regulations.

OTHER PRECAUTIONS: Do not take internally. Close container after each use. Keep away from children. Avoid skin contact. Empty containers must not be washed and re-used for any purpose. Never use pressure to empty. Drum is not a pressure vessel. Never use welding or cutting torch near drum. Keep away from any flame source.

SECTION 08: IA-94 FIRST AID MEASURES

FIRST-AID:

EYES: Flush with large amounts of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes. Get medical attention.

SKIN: Remove contaminated clothing. Wash affected area with soap and water. Obtain medical attention if irritation persists.

INHALATION: Remove individual to fresh air immediately. If breathing has stopped, give artificial respiration. Keep warm and quiet. Get medical attention.

INGESTION: If swallowed, DO NOT INDUCE VOMITING. Call poison control center, hospital emergency room or physician immediately. (Aspiration of this material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.)

NOTE TO PHYSICIAN: Any treatment that might be required for overexposure should be directed at the control of symptoms and the clinical conditions.

SECTION 09: IA-94 PREPARATION INFORMATION

MSDS DATE	FEBRUARY 07, 2008
MSDS PREPARATION	Duro Dyne Canada Inc. (514) 422-9760

IA-94 ADDITIONAL INFORMATION

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