



# Material Safety Data Sheet

Supplier : TARKETT INC.  
 Street : 1001 Yamaska Street East  
 City : Farnham  
 Province / State : Quebec  
 P.O. Box : J2N 1J7

Product :  
**DT-940 PART TWO**

## Section 1 – Product Identification

**Product identifier / Trade name / Material name :** DT 940 PART TWO  
**Product code / Internal ID :** 940  
**Product use or description :** Solvent free two component adhesive  
**MSDS date:** October 10, 2006

## Hazardous Materials Identification System (HMIS):

**Health Hazard:** 2 Chronic hazard : No  
**Flammability :** 0  
**Reactivity :** 1  
**Personal Protection:** H

**For 24 HOUR MEDICAL and DOT EMERGENCY RESPONSE COMMUNICATIONS and INFORMATION, PLEASE CALL:**

**CANUTEC in Canada at (613) 996-6666 or  
 PROSAR in USA at 1-800-278-5619.**

For technical information, please call the Installation Services Department from **Canada** and/or from **USA** at: 1-800-366-2689 option 1 or Fax: (713) 869-5271 Monday through Friday, except holidays.

## Section 2 – Chemical Composition / Hazardous Ingredients

Ingredients	CAS #	% by Weight	OSHA PEL	ACGIH TLV
Nonyl Phenol	84852-15-3	40-70%	N/Av	N/Av
Aminoethylpiperazine	140-31-8	10-30%	N/Av	N/Av
Polyamine	68410-23-1	7-13%	N/Av	N/Av
2,4,6 Trisdimethylaminomethyl phenol	90-72-2	1-5%	N/Av	N/Av

For California (Proposition 65): This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive toxicity. All ingredients are listed within the US TSCA and Canadian DSL.

N/Av: not applicable  
 N/Av: not available  
 See at the end for abbreviations



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## Section 3 – Hazards Identification

### Route of entry :

**Eye contact :** Yes

**Skin contact :** Yes

**Inhalation :** Yes

**Ingestion :** Yes

**Effects of acute exposure to product :** Inhalation or contact can cause irritation to eyes, skin, nose or throat to sensitive people. If ingested can cause nausea, vomiting, gripping and diarrhea.

**Effects of chronic exposure to product :** See Section 2.

**Other important hazards :** Allergies, skin and respiratory disorders. Product sensitivity.

## Section 4 – First Aid Measures

**Eye contact :** Flush with cool water for 15 minutes while holding eyelid open. If irritation persists, seek medical attention immediately.

**Skin contact :** Avoid contact with skin. Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek immediate medical attention.

**Inhalation :** Remove to fresh air. If not breathing, trained personnel should initiate artificial respirations and immediate medical attention should be obtained.

**Ingestion :** Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.



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## Section 5 – Fire Fighting Measures

<b>Fire hazards / conditions of flammability :</b>	Product will not burn until all water content has evaporated.
<b>Means of extinction :</b>	Water spray, carbon dioxide, dry chemical or foam.
<b>Flash point and method of determination :</b>	Not established.
<b>Lower flammable limit (% by volume) :</b>	Not established.
<b>Upper flammable limit (% by volume) :</b>	Not established.
<b>Special fire-fighting procedures / equipment :</b>	Wear standard fire fighting gear with self-contained breathing apparatus.
<b>Unusual fire et explosion hazards :</b>	Some decomposition products may be harmful.

## Section 6 – Accidental Release Measures

<b>Personal precautions :</b>	Avoid prolonged skin contact and dusty conditions.
<b>Environmental precautions :</b>	Dispose of in accordance with local, state, provincial, and federal regulations governing your location.
<b>Spill response / Cleanup :</b>	While using appropriate protective equipment, place spilled material in poly drum, or container requirement by local disposal company, and store in a safe place till material can be disposed of in accordance with regulations.
<b>Prohibited materials :</b>	Not established.

## Section 7 – Handling and Storage

<b>Safe handling procedures :</b>	During work with dry product, it is recommended to wear a NIOSH approved particulate filter respirator rated N95.
<b>Storage requirements :</b>	Store at 60-95° F (15 - 35° C) and out of the sun. Use adequate ventilation to avoid breathing vapors when cover is removed.
<b>Incompatible materials :</b>	Strong oxidizing agents, strong acids and strong bases.
<b>Special packaging materials :</b>	Not established.



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## Section 8 – Exposure Controls and Personal Protection

<b>Ventilation and engineering controls :</b>	Use in WELL VENTILATED areas only.
<b>Respiratory protection :</b>	During work with dry product it is recommended to wear a NIOSH approved particulate filter respirator rated N95.
<b>Protective gloves :</b>	Impervious (Nitrile, rubber, or better).
<b>Eye protection :</b>	Safety glasses or goggles as necessary to prevent eye contact.
<b>Other protective equipment :</b>	As needed to minimize contact with skin.
<b>Permissible exposure levels :</b>	Not established.

## Section 9 – Reactivity and Stability Data

<b>Stability and reactivity (polymerization) :</b>	Stable.
<b>Conditions to avoid :</b>	None known.
<b>Materials to avoid :</b>	Strong oxidizing agents, strong acids, and strong bases.
<b>Hazardous decomposition products :</b>	Carbon monoxide, carbon dioxide, oxides of nitrogen, and other unidentified organic compounds.

## Section 10 – Physical and Chemical Properties

<b>Physical form, color and odor :</b>	Paste. Amine odor.
<b>Odor threshold :</b>	Not established.
<b>pH :</b>	N/Ap
<b>Boiling Point :</b>	N/Ap
<b>Melting Point :</b>	N/Ap
<b>Freezing Point :</b>	N/Ap
<b>Solubility in water :</b>	Negligible
<b>Coefficient of oil / water distribution :</b>	Not established.
<b>Specific gravity or relative density (water = 1) :</b>	0.98
<b>Vapor pressure (mmHg) :</b>	N/Ap
<b>Vapor density (air = 1) :</b>	N/Ap
<b>Evaporation rate (Butyl Acetate = 1)</b>	Not established.
<b>Calculated VOC :</b>	N/Ap

N/Ap: not applicable

N/Av: not available

See at the end for abbreviations



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## Section 11 – Toxicological Information

<b>LD<sub>50</sub> (species and route) :</b>	N/Av
<b>LC<sub>50</sub> (species and route) :</b>	N/Av
<b>Toxicological data :</b>	N/Av
<b>Carcinogenicity :</b>	No
<b>Reproductive toxicity :</b>	N/Av
<b>Teratogenicity :</b>	N/Av
<b>Mutagenicity :</b>	N/Av
<b>Irritancy of product :</b>	Potential skin, eye and respiratory irritant to sensitive individuals.
<b>Sensitization to product :</b>	Product sensitivity.
<b>Conditions aggravated by exposure :</b>	Nausea, vomiting, nose and throat irritation, and eye and skin irritation.
<b>Name of toxicologically synergistic products :</b>	N/Av

## Section 12 – Ecological Information

<b>Environmental effects :</b>	N/Av
<b>Important environmental characteristics :</b>	N/Av
<b>Aquatic toxicity :</b>	N/Av

## Section 13 – Waste Disposal

<b>Handling for disposal :</b>	Dispose of in accordance with local, state, provincial, and federal regulations governing your location.
<b>Methods of disposal :</b>	Dispose of in accordance with local, state, provincial, and federal regulations governing your location.



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## Section 14 – Transportation Information

### Transportation of Dangerous Goods (TDG) information :

**Shipping name :** Corrosive Liquid, NOS  
**Class :** 8  
**UN number :** 2735  
**Packing group :** III (contains Polyamine liquid)

### 49 CFR information :

**Shipping name :** Corrosive Liquid, NOS  
**Class :** 8  
**UN number :** 2735  
**Packing group :** III (contains Polyamine liquid)

### International Dangerous Goods information :

**IMO :** Not established.  
**ICAO :** Not established.

**Other information :** Not established.

## Section 15 – Regulatory Information

**WHMIS information :** WSHMIS classification: D2B; E  
**CEPA information :** All ingredients are listed within the Canadian DSL.  
**TSCA information :** All ingredients are listed within the US TSCA.



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## Section 16 – Others Information

<b>Certificate of origin :</b>	Made in Canada
<b>Prepared by :</b>	R & D Department
<b>Telephone number :</b>	(450) 293-3173
<b>Preparation date :</b>	October 10, 2006

## Abbreviations

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>ASTM</b>	American Society for Testing and Materials
<b>CEPA</b>	Canadian Environmental Protection Act
<b>CFR</b>	Code of Federal Regulations (Transportation in U.S.A.)
<b>IARC</b>	International Agency for Research on Cancer
<b>ICAO</b>	International Civil Aviation Organization
<b>IMO</b>	International Maritime Organization
<b>MSHA</b>	Mine Safety and Health Administration
<b>NBUAC</b>	Normal Butyl Acetate
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program (U.S.A.)
<b>OSHA</b>	Occupational Safety and Health Administration (U.S.A.)
<b>PEL</b>	Permissible Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substances Control Act
<b>TWA</b>	Time Weighted Average
<b>WHMIS</b>	Workplace Hazardous Materials Information System
<b>STEL</b>	Short-Term Exposure Limit

## References

1. Suppliers' raw materials MSDS
2. ACGIH, Threshold Limit Values and Biological Exposure Indices for 1998
3. The Sigma-Aldrich Library of Chemical Safety Data, Second Edition, 1988
4. N. Irving Sax, Dangerous Properties of Industrial Materials, 7th Edition, Van Nostrand Reinhold, 1984
5. Health Canada, Reference Manual for the WHMIS Requirements of the Hazardous Products Act and Controlled Products Regulations, updated March 22, 2001.

Information on this form is offered in good faith as typical values and not as a product specification. No warranty, either express or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.