

## DENTSPLY CANADA LTD. MATERIAL SAFETY DATA SHEET/FICHE SIGNALÉTIQUE

SECTION 1 - PRODUCT IDENTIFICATION AND USE/IDENTIFICATION ET UTILISATION DU PRODUIT				
PRODUCT IDENTIFIER/ NOM/IDENTIFICATEUR DU PRODUIT <b>PRIME &amp; BOND NT including Unit Dose Package Nano – Technology Light Cured Dental Adhesive</b>			PRODUCT IDENTIFICATION NUMBER (PIN)/ NUMERO D'IDENTIFICATION DU PRODUIT (NIP) <b>63450-634359</b>	
PRODUCT USE USAGE DU PRODUIT <b>Dental</b>				
MANUFACTURER'S NAME/NOM DU FABRICANT <b>DENTSPLY Caulk</b>			SUPPLIER'S NAME/NOM DU FOURNISSEUR <b>DENTSPLY Canada Ltd.</b>	
STREET ADDRESS/NUMERO CIVIQUE <b>38 West Clark Ave.</b>			STREET ADDRESS/NUMERO CIVIQUE <b>161 Vinyl Court</b>	
CITY/VILLE <b>Milford</b>	PROVINCE <b>Delaware</b>		CITY/VILLE <b>Woodbridge</b>	PROVINCE <b>Ontario</b>
POSTAL CODE POSTAL <b>19963-0359</b>	EMERGENCY TELEPHONE NO. D'URGENCE <b>1-800-424-9300 302-422-4511</b>		POSTAL CODE POSTAL <b>L4L 4A3</b>	EMERGENCY TELEPHONE NO. D'URGENCE <b>(905) 851-6060 or 1-800-263-1437 FAX# (905) 851-9809</b>
SECTION 2 - HAZARDOUS INGREDIENTS/INGREDIENTS DANGEREUX				
HAZARDOUS INGREDIENTS/INGREDIENTS DANGEREUX	%	CAS NUMBER/ NUMERO CAS	TLV	OSHA PEL (ppm)
<b>Acetone</b>	<b>64.6</b>	<b>67-64-1</b>	<b>1188 mg/Kg</b>	<b>500</b>
<b>Urethane methacrylates resin</b>	<b>30</b>		<b>N.A.</b>	<b>N.A.</b>
<b>Dipentaerythrol pentaacrylic phosphate</b>			<b>N.A.</b>	<b>N.A.</b>
<b>Polymerizable dimethacrylate resin</b>			<b>N.A.</b>	<b>N.A.</b>
SECTION 3 - PHYSICAL DATA/CHARACTERISTIQUES PHYSIQUES				
PHYSICAL STATE/ETAT PHYSIQUE <b>Liquid</b>	ODOUR AND APPEARANCE/ODEUR ET APPARENCE: <b>Yellow liquid with acetone odour.</b>			Chemical Family: <b>Acetone.</b>
VAPOUR PRESSURE (mm Hg)/ TENSION DE VAPEUR (mm Hg) <b>233 mbar @ 20°C</b>	VAPOUR DENSITY (AIR-1)/ DENSITE DE LA VAPEUR (AIR-1) <b>N.D.</b>	EVAPORATION RATE/ TAUX D'EVAPORATION <b>N.D.</b>	BOILING POINT (°C)/ POINT D'EBULLITION (°C) <b>56°C</b>	MELTING POINT (°C) POINT DE CONGELATION (°C) <b>-95°C</b>
pH: <b>N.A.</b>	SPECIFIC GRAVITY/DENSITE: <b>0.9 G/cm<sup>3</sup></b>	SOLUBILITY IN WATER: <b>Partially soluble.</b>		
SECTION 4 - FIRE AND EXPLOSION DATA/RISQUES D'INCENDIE OU D'EXPLOSION				
FLAMMABILITY/INFLAMMABILITE YES/OUI <input checked="" type="checkbox"/> NO/NON <input type="checkbox"/> IF YES, UNDER WHICH CONDITIONS? OUI, DANS QUELLES CONDITIONS?				
MEANS OF EXTINCTION/MOYENS D'EXTINCTION: <b>Powder, Water spray, Halons, CO<sub>2</sub>. Fire fighters should wear full protective clothing including self contained breathing apparatus.</b>				
FLASHPOINT (°C) AND METHOD/ POINT D'ECLAIR (°C) ET METHODE DE DETERMINATION <b>-19°C</b>	UPPER FLAMMABLE LIMIT (% BY VOLUME) SEUIL D'INFLAMMABILITE MAXIMAL (% PAR VOLUME) <b>UEL</b> <b>13</b>		LOWER FLAMMABLE LIMIT (% BY VOLUME) SEUIL D'INFLAMMABILITE MINIMAL (% PAR VOLUME) <b>LEL</b> <b>2.5</b>	
AUTO-IGNITION TEMPERATURE (°C)/ TEMPERATURE D'AUTO-INFLAMMATION (°C): <b>N.A.</b>	HAZARDOUS COMBUSTION PRODUCTS/ PRODUITS DANGEREUX DE COMBUSTION: <b>During a fire irritating gases may develop.</b>			
EXPLOSION DATA/ DONNES SUR LES EXPLOSIONS <b>N.A.</b>			SENSITIVITY TO STATIC DISCHARGE SENSIBILITE A UNE DECHARGE STATIQUE <b>Avoid static discharge in presence of vapour.</b>	
SECTION 5 - REACTIVITY DATA/DONNES SUR LA REACTIVITE				
CHEMICAL STABILITY/STABILITE CHIMIQUE YES/OUI <input checked="" type="checkbox"/> NO/NON <input type="checkbox"/> IF NO, UNDER WHICH CONDITIONS? SI NON, DANS QUELLES CONDITIONS? <b>Always avoid open containers, keep containers away from heat sources and open flames.</b>				
INCOMPATIBILITY WITH OTHER SUBSTANCES/ INCOMPATIBILITE AVEC D'AUTRES PRODUITS YES/OUI <input checked="" type="checkbox"/> NO/NON <input type="checkbox"/> IF SO, WHICH ONES? SI OUI, LESQUELS? <b>Strong oxidants, alkali metals and halogens.</b>				

MSDS-421

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REACTIVITY, AND UNDER WHAT CONDITIONS?/CONDITIONS DE REACTIVITÉ

**Not known.**

HAZARDOUS DECOMPOSITION PRODUCTS/PRODUITS DE DECOMPOSITION DANGEREUX

**Irritating gases and acrylates during combustion.**

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<b>SECTION 6 - TOXICOLOGICAL PROPERTIES/PROPRIÉTÉS TOXICOLOGIQUES</b>			
ROUTE OF ENTRY/VOIES D'ABSORPTION SKIN CONTACT/ <u>X</u> SKIN ABSORPTION/ <u>X</u> EYE CONTACT/ <u>X</u> INHALATION <u>X</u> INGESTION <u>X</u> CONTACT DERMIQUE ABSORPTION DERMIQUE CONTACT OCULAIRE			
EFFECTS OF ACUTE EXPOSURE TO PRODUCT/EFFETS DE L'EXPOSITION AIGUE AU PRODUIT <b>Contact with eyes causes irritation and possible corneal damage. Avoid prolonged or repeated contact with skin. Avoid inhalation or ingestion. Do not take internally. Inhalation may cause irritation of respiratory tract, excessive exposure causes dizziness.</b>			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT/EFFETS DE L'EXPOSITION CHRONIQUE AU PRODUIT <b>Dermal redness or irritation. Severe allergic response may result in breathing difficulties.</b>			
EXPOSURE LIMITS/ SEUILS LIMITES D'EXPOSITION <b>N.D.</b>	IRRITANCY OF PRODUCT/ PROPRIÉTÉ IRRITANTE <b>YES</b>	SENSITIZATION TO PRODUCT/ SENSIBILISATION AU PRODUIT <b>YES</b>	CARCINOGENICITY/ CANCÉROGÉNÉCITÉ <b>OSHA regulated</b>
TERATOGENICITY/ TERATOGENICITÉ <b>N.A.</b>	REPRODUCTIVE TOXICITY/ EFFETS SUR LA REPRODUCTION <b>N.A.</b>	MUTAGENICITY/ MUTAGÉNÉCITÉ <b>N.A.</b>	SYNERGISTIC PRODUCTS/ PRODUITS SYNERGIQUES
<b>SECTION 7 – PREVENTIVE MEASURES/MESURES PREVENTIVES</b>			
PERSONAL PROTECTIVE EQUIPMENT/MATÉRIEL PERSONNEL DE PROTECTION			
GLOVES (SPECIFY)/GANTS (PRÉCISER): <b>Rubber Gloves</b>	RESPIRATOR (SPECIFY)/APPAREIL RESPIRATOIRE (PRÉCISER) <b>Not required in small quantities</b>	EYE (SPECIFY)/APPAREIL OCULAIRE (PRÉCISER): <b>Close fitting protective goggles.</b>	
FOOTWEAR (SPECIFY)/CHAUSSURES (PRÉCISER) <b>N.R.</b>	CLOTHING (SPECIFY)/VÊTEMENTS (PRÉCISER) <b>Rubber apron.</b>	OTHER (SPECIFY)/AUTRES (PRÉCISER)	
ENGINEERING CONTROLS (SPECIFY, EG, VENTILATION, ENCLOSED PROCESS)/INSTALLATION TECHNIQUES <b>Mechanical: Avoid inhalation or ingestion. Use in a well ventilated area.</b>			
LEAK AND SPILL PROCEDURE/PROCÉDURES EN CAS DE FUITES ET DE DEVERSEMENTS <b>Remove all sources of ignition and ventilate area. Collect leaking liquid in sealable containers: Absorb spilled liquid in sand or inert absorbent and remove to a safe place. For large spills, a self-contained breathing apparatus may be necessary.</b>			
WASTE DISPOSAL/ÉLIMINATION DES RÉSIDUS: <b>Dispose of in accordance with all federal, provincial and local regulations. Do not allow product to reach ground water or sewage system.</b>			
HANDLING PROCEDURES AND EQUIPMENT/MÉTHODES ET ÉQUIPEMENT POUR LA MANUTENTION: <b>Always close container immediately after use.</b>			
STORAGE REQUIREMENTS/EXIGENCES EN MATIÈRE D'ENTREPOSAGE: <b>Keep away from heat sources and open flames. Do not store above 37°C. Store away from food and beverages.</b>			
SPECIAL SHIPPING INFORMATION/RENSEIGNEMENTS SPÉCIAUX EN MATIÈRE D'EXPÉDITION <b>Acetone, Class 3, Packing Group II., UN 1090.</b>			
<b>SECTION 8 - FIRST AID MEASURES/PREMIER SOINS</b>			
SPECIFIC MEASURES/PREMIERS SOINS PARTICULIERS À ADMINISTRER <b>Wash skin with soap and water after contact. If rash develops, see a physician. If inhaled, supply fresh air and contact a physician.</b>			
<b>SECTION 9 - PREPARATION DATE OF MSDS/RENSEIGNEMENTS SUR LA PRÉPARATION DE LA FS</b>			
PREPARED BY (GROUP, DEPARTMENT, ETC.) PRÉPARÉ PAR (GROUPE, SERVICE, PERSONNE, ETC.)  <b>Cadentrix</b>	PHONE NUMBER/NO. DE TÉLÉPHONE <b>(416) 994-9356</b>	DATE <b>1 June 2005</b>	

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