

<b>SECTION 1 – PRODUCT IDENTIFICATION AND USE</b>				
Material <b>Denso Protal 7200 “A”</b>				
Manufacturer’s Name Denso North America Inc.			Supplier’s Name Denso North America Inc.	
Street Address 90 Ironside Crescent, Unit 12			Street Address 90 Ironside Crescent, Unit 12	
City Toronto	Province/Country Ontario		City Toronto	Province/Country Ontario
Postal Code M1X 1M3	Emergency Telephone No. (613) 996-6666		Postal Code M1X 1M3	Emergency Telephone # (613) 996-6666
Product Class Epoxy	Chemical Family Not Available		Manufacturer’s Code 6140024R	
WHMIS Classification Class D, Division 2, Subdivision B	Trade Name & Synonyms Denso Protal 7200 “A”		Material Use On-site liquid coating for metal pipes.	
<b>SECTION 2 – HAZARDOUS INGREDIENTS</b>				
Ingredients	%	CAS Number	LD50 of Material (Specific Species & Route)	LC50 of Material (Specific Species)
EPOXY RESIN	40-70	25085-99-8	Oral>5000mg/kg Rat	N/A = Not Available
<b>SECTION 3 – PHYSICAL DATA</b>				
Physical State Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid <input type="checkbox"/>		Odour and Appearance Ether Odour, White Liquid		Odour Threshold (PPM) Not Available
Vapour Pressure (mm Hg) Not Available	Vapour Density (air = 1) Not Available	Evaporation Rate Not Available	Boiling Point (° C) 146°C	Freezing Point (° C) Not Available
% Volatile (by volume) Not Applicable	Solubility in Water (20° C) No	pH Not Available	Specific Gravity 1.6	Coeff Water/Oil Dist Not Available
<b>SECTION 4 – FIRE AND EXPLOSION DATA</b>				
Flammability Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, Under What Conditions?				
Means of Extinction Waterfog, Co2, dry chemical, foam				
Special Procedures Firefighters must wear usual clothing and respiratory equipment. A water hose may be used to cool the containers and dissipate the vapours.				
Flashpoint (° C) and Method 170°C(Setaflash Closed Cup)	Upper Explosion Limit (% by volume) Not Available		Lower Explosion Limit (% by volume) Not Available	
Auto Ignition Temperature (° C) Not Available	TDG Flammability Classification Not Applicable		Hazardous Combustion Products Co, Co2, phenolics	
Sensitivity to Mechanical Impact Not Applicable	Rate of Burning Not Applicable	Explosive Power Not Applicable	Sensitivity to Static Discharge Not Applicable	

<b>SECTION 5 – REACTIVITY DATA</b>			
Chemical Stability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		If No, Under What Conditions?	
Hazardous Polymerization Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		May polymerize at very high temperatures.	
Reactivity, and Under What Conditions?		Base, strong acid, oxidizer	
Hazardous Decomposition Products		Carbon oxides, phenol	
<b>SECTION 6 – TOXICOLOGICAL PROPERTIES</b>			
Route of Entry Skin Contact <input checked="" type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation Acute <input checked="" type="checkbox"/> Inhalation Chronic <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/>			
Effects of Acute Exposure to Material May cause eye irritations, may be irritating to skin, inhalation may irritate lungs and cause allergic reaction, ingestion may cause irritation to the gastro-intestinal system.			
Effects of Chronic Exposure to Material Some Individuals may become Sensitized to the Material over Time. (See Below)			
LD50 of Material Specify Species and Route Not Available	LC50 of Material Specify Species Not Available	Teratogenicity of Material Not Applicable	Mutagenicity of Material Not Applicable
Sensitization Capability of Material Skin and Respiratory	Carcinogenicity of Material Not Applicable	Reproductive Toxicity of Material Not Applicable	Synergistic Materials None Known
Exposure Limits of Material (TLV) Not Available			
<b>SECTION 7 – PREVENTATIVE MEASURES</b>			
<b>Personal Protective Equipment</b>			
Gloves (Specify) Chemical resistant gloves	Respiratory (Specify) Not necessary under normal use.	Eye (Specify) Safety glasses	
Footwear (Specify) Leather	Clothing (Specify) Rubber apron	Other (Specify) Eye wash station, shower	
<b>Others</b>			
Ventilation Provide General Dilution of Local Exhaust in Volume and Pattern to Keep TLV of Hazardous Ingredients in Section 6 Below Acceptable Limits.			
Leak and Spill Procedure Absorb with sand or other absorbent material. Residue may be removed with steam or hot water and soap. All precautions should be taken when cleaning the spill with solvent.			
Waste Disposal Dispose of and and rinse water according to municipal, provincial or federal laws for disposal of chemicals.			
Handling Procedure and Equipment Avoid skin, eye and clothing contact.			
Storage Requirements Keep all containers closed in a cool, dry area. Keep away from heat and open flame.			
Special Shipping Information			

**SECTION 8 – FIRST AID MEASURES**

**EYE CONTACT:** Rinse eyes immediately with plenty of water for at least 15 minutes to ensure proper wash. Consult a physician immediately.

**SKIN CONTACT:** Remove contaminated clothing and shoes. Wash immediately with plenty of soap and water. Wash clothing before re-wearing. Consult a physician if required.

**INHALATION:** In the case of overexposure, evacuate to fresh air. Consult a physician if required.

**INGESTION:** Drink plenty of water. Do not induce vomiting. Do not give anything by mouth to an unconscious person. See a physician immediately.

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**SECTION 9 – PREPARATION OF THE MSDS**

Prepared by (Group, Department, etc.) Denso North America Inc.	Phone Number (416) 291-3435	Date January 1, 2013
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