


SECTION I - PRODUCT AND PREPARATION INFORMATION					2W1630
	777 McKay Road Pickering, Ontario L1W 3A3 (905)683-0411		TRADE NAME:	Dyna Patch	
	Prepared by: Technical Committee		MANUFAC. CODE:	2W1630	
			PRODUCT CLASS:	Non Regulated	
			WHIMIS CLASS:	Non Regulated	
SECTION II - HAZARDOUS INGREDIENTS					
INGREDIENT	CAS NO.	%	LD50s and LC50s Route and Species	Exposure Limit	
Limestone (Calcium Carbonate)	1317-65-3	30-60	None	10 mg/m3 as Dust (ACGIH TLV) 15 mg/m3 Total Dust (OSHA PEL) 5 mg/m3 Respirable Fraction (OSHA PEL)	
Kaolin Clay	1332-58-7	5-10	LD50 (oral-rat) > 5000 mg/kg LD50 (dermal-rat) >5000 mg/kg	2 mg/m3 as Respirable Dust (ACGIH TLV) 10 mg/m3 Total Dust (OSHA PEL) 5 mg/m3 Respirable Fraction (OSHA PEL)	
Titanium Dioxide	13463-67-7	3-7	LC50(inh-rat) 6.8 mg/L 4h LD50 (oral-rat) >10,000 mg/kg LD50 (dermal-rabbit) >10,000 mg/kg	10 mg/m3 as Dust (ACGIH TLV) 10 mg/m3 Total Dust (OSHA PEL) 5 mg/m3 Respirable Fraction (OSHA PEL)	
Ceramic Microsphere	66402-68-4	10-30	Not Available	10 mg/m3 as Inhalable Particulate (ACGIH TLV-TWA) 3mg/m3 as Resirable Fraction (ACGIH TLV-TWA) 15 mg/m3 Total Dust (OSHA PEL) 5 mg/m3 Respirable Fraction (OSHA PEL)	
Silica, Quartz (naturally occurring component of Limestone)	14808-60-7	0.5-1.4	Not Available	0.025 mg/m3 as Dust (ACGIH TLV) 0.1 mg/m3 Respirable Fraction (OSHA PEL)	
SECTION III - PHYSICAL DATA					
ODOUR AND APPEARANCE	ODOUR THRESHOLD	PERCENT NON VOLATILE BY WEIGHT	EVAPORATION RATE	VAPOUR PRESSURE (mmHg)	
very low odour; white paste	No value available	74 - 78%	slower than n-Butyl Acetate	Not Available	
BOILING POINT	pH VALUE	FREEZING POINT	DENSITY (g/ml)	VAPOUR DENSITY (Air = 1)	
100°C	Not Available	Not Applicable	1.2	Not Available	
VOC STATEMENT (g/L)					
23 max.					
SECTION IV - FIRE AND EXPLOSION HAZARDS					
TDG FLAMMABILITY CLASSIFICATION/	FLASHPOINT	HAZARDOUS COMBUSTION PRODUCTS			
Non Flammable	°C	WHEN FORCED TO BURN, BY PRODUCTS MAY INCLUDE BUT NOT LIMITED TO CARBON MONOXIDE CARBON DIOXIDE,			
	TCC	<b>EXTINGUISHING MEDIA</b>			
		Foam, dry chemical, carbon dioxide or any class B extinguishing agent			
UNUSUAL FIRE AND EXPLOSION HAZARDS					
Not Applicable					
SPECIAL FIREFIGHTING PROCEDURES					
Self-contained breathing apparatus is recommended.					
SECTION V - HEALTH HAZARD DATA: TOXICOLOGICAL PROPERTIES AND FIRST AID MEASURES					
ACUTE EFFECTS OF OVEREXPOSURE			EMERGENCY AND FIRST AID PROCEDURES		
INHALATION:	Dust of this product may cause irritation of the nose, throat, and respiratory tract. Contains crystalline silica which is listed in IARC and NTP as carcinogen and may cause lung damage (Silicosis) on concentrations exceeding occupational exposure limits. Also contains Titanium Dioxide which has IARC Group 2B (possible carcinogen) rating based on inadequate evidence in humans and sufficient evidence in experimental animals. However, crystalline silica and titanium dioxide present in this product are encapsulated in the liquid and will only be liberated if the product is sanded or abraded. Be sure to observe appropriate precautions and wear appropriate personal protective equipment.		INHALATION:	Remove victim to fresh air. Restore breathing. Treat symptomatically. Consult a physician.	
EYE CONTACT:	May cause moderate eye irritation		SPLASH (EYES):	Flush immediately with large amounts of water for at least 15 minutes. Take to a physician for medical treatment.	
SKIN CONTACT:	This material may cause defatting and irritation of skin (Dermatitis) upon prolonged or repeated contact.		SPLASH (SKIN):	Wash affected areas with soap and water. Remove contaminated clothing.	
INGESTION:	Swallowing can cause nausea, vomiting and diarrhea .		INGESTION:	Drink 1 or 2 glasses of water to dilute. <b>DO NOT INDUCE VOMITING.</b> Consult a physician or Poison Control center immediately. Treat symptomatically.	

**MATERIAL SAFETY  
DATA SHEET**

Date of Preparation: January 1, 2016

Use in case of an emergency only (613) 996-6666

2W1630

<b>CHRONIC EFFECTS OF OVEREXPOSURE</b> Prolonged or repeated contact with skin will cause irritation, defatting, dermatitis. Respirable dust may cause lung disease (Silicosis) and possibly cancer.	<b>CARCINOGENECITY</b> Crystalline Silica is IARC and NTP listed as carcinogen. Titanium Dioxide is IARC Group 2B listed - possible human carcinogen based on inadequate evidence on humans and sufficient evidence in experimental animals.	<b>FETOTOXICITY/TERATOGENECITY/MUTAGENECITY</b> Not Data Available	<b>IRRITANT</b> YES: Skin, Eye and Respiratory Tract	<b>SENSITIZER</b> YES: Skin
<b>SECTION VI - REACTIVITY DATA</b>				
<b>STABILITY:</b> Stable			<b>HAZARDOUS POLYMERIZATIONS:</b> Will not occur	
<b>INCOMPATIBILITY: (Materials to avoid)</b> Heat and Oxidizing compounds			<b>CONDITIONS TO AVOID:</b> Excessive heat and freezing temperatures.	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Oxides of Carbon				
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>				
<b>STEPS TO BE TAKEN in case material is Released or Spilled</b> Restrict access to area. Remove all sources of ignition. Ventilate area. Sweep up spilled material and place material into a closed container. If a large spill, dike area to prevent this material from entering water systems or sewers. Wash away residue with water. Wear protective equipment during cleanup.			<b>WASTE DISPOSAL METHOD</b> Dispose of this material in accordance with Federal, Provincial, and Municipal regulations.	
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>				
<b>PERSONAL PROTECTION EQUIPMENT</b>				
<b>PROTECTIVE GLOVES:</b> Chemical resistant gloves made of Viton should be used. Gloves made of nitrile, neoprene or rubber may be used for exposure of short duration.			<b>EYE PROTECTION:</b> Chemical safety goggles should be worn to prevent eye contact.	
<b>RESPIRATORY PROTECTION:</b> Not normally required. When sanding or abrading dried film, wear a dust/mist respirator approved by NIOSH for dust which may be generated from this product, underlying paint, or abrasive.			<b>OTHER PROTECTIVE EQUIPMENT:</b> Wear protective clothing to prevent skin contact.	
			<b>ENGINEERING CONTROLS - VENTILATION:</b> General (dilution) ventilation is required during normal use. Local exhaust ventilation may be required during certain operations to keep exposure level below the limit listed in Section II of this data sheet. Contains extremely flammable solvents. Take suitable fire precaution.	
<b>SECTION IX - SPECIAL PRECAUTIONS</b>				
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b>				<b>OTHER PRECAUTIONS</b>
<b>STORAGE:</b> Keep storage area separate from populated work areas. Store in a cool, dry, well ventilated area, out of direct sunlight and away from incompatible materials and any source of ignition. <b>PROTECT FROM FREEZING.</b> <b>HANDLING:</b> Avoid prolonged or repeated inhalation of vapours or spray mist. Avoid prolonged or repeated skin contact.				