



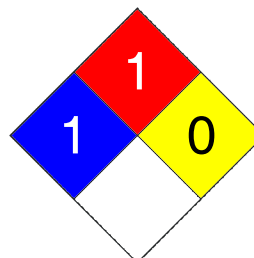
# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product Name** Dyna Patch Spackling Compounds  
**Synonym(s)** Dyna Patch Spackling Compound - JE085001, JE085002, JE085003, JE085004  
Dyna Patch Light Spackling Compound - JE086001, JE086002, JE086003  
**CAS #** Mixture  
**Product Use** Coating  
**Manufacturer** Dynamic Paint Products Inc.  
7040 Financial Drive  
Mississauga, ON L5N 7H5 CA  
Phone: 1-905-812-9319  
Emergency Phone: 1-613-996-6666 (CANUTEC)

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	* 1
Flammability	1
Physical Hazard	0
Personal Protection	B



## 2. Hazards Identification

**Emergency Overview** WARNING  
Eye and skin irritant. May cause chronic toxic effects.  
Contains a potential teratogen. (JE086001, JE086002, JE086003)

**Potential short term health effects**

**Routes of exposure** Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

**Eyes** May cause irritation.

**Skin** May cause irritation. May be absorbed through the skin.

**Inhalation** May cause respiratory tract irritation.

**Ingestion** May cause stomach distress, nausea or vomiting.

**Target organs** Eyes. Respiratory system. Skin. Kidney.

**Chronic effects** Prolonged or repeated exposure can cause drying, defatting and dermatitis.

**Signs and symptoms** Symptoms may include redness, oedema, drying, defatting and cracking of the skin.  
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

## 3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Zinc sulfide	1314-98-3	1 - 5
Protein hydrolyzates	9015-54-7	1 - 5
Polyethylene glycol octylphenyl ether	9036-19-5	1 - 5
Ethylene glycol	107-21-1	1 - 5
Fibrous glass	65997-17-3	15 - 40
VM&P Naphtha	8032-32-4	3 - 7
Stoddard solvent	8052-41-3	3 - 7

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## 4. First Aid Measures

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### First aid procedures

<b>Eye contact</b>	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
<b>Skin contact</b>	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
<b>Inhalation</b>	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

### Notes to physician

Symptoms may be delayed.

### General advice

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

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## 5. Fire-fighting Measures

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<b>Flammable properties</b>	Not flammable by WHMIS criteria.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Dry chemical. Foam. Carbon dioxide. Water spray or fog.
<b>Unsuitable extinguishing media</b>	Not available
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Not available
<b>Protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon. Oxides of sulphur. Hydrogen sulphide. Oxides of nitrogen.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available
<b>Sensitivity to static discharge</b>	Not available

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## 6. Accidental Release Measures

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<b>Personal precautions</b>	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
<b>Methods for containment</b>	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for cleaning up</b>	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

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## 7. Handling and Storage

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<b>Handling</b>	Use good industrial hygiene practices in handling this material.
<b>Storage</b>	Keep out of reach of children. Store in a closed container away from incompatible materials.

## 8. Exposure Controls / Personal Protection

### Exposure limit values

Ingredient(s)	Exposure limit values
Ethylene glycol	<b>ACGIH-TLV</b> Ceiling: 100 mg/m <sup>3</sup>
Fibrous glass	<b>ACGIH-TLV</b> Not established
Polyethylene glycol octylphenyl ether	<b>ACGIH-TLV</b> Not established
Protein hydrolyzates	<b>ACGIH-TLV</b> Not established
Stoddard solvent	<b>ACGIH-TLV</b> TWA: 100 ppm
VM&P Naphtha	<b>ACGIH-TLV</b> TWA: 300 ppm
Zinc sulfide	<b>ACGIH-TLV</b> Not established

### Engineering controls

General ventilation normally adequate.

### Personal protective equipment

#### Eye/Face protection

Wear safety glasses with side shields.

#### Hand protection

Rubber gloves. Confirm with a reputable supplier first.

#### Skin and body protection

As required by employer code.

#### Respiratory protection

Not normally required if good ventilation is maintained and exposure guidelines are not exceeded. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

#### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

## 9. Physical and Chemical Properties

<b>Appearance</b>	Opaque.
<b>Colour</b>	White/off-white
<b>Form</b>	Liquid
<b>Odour</b>	Hydrocarbon / Acrylic
<b>Odour threshold</b>	Not available
<b>Physical state</b>	Liquid
<b>pH</b>	8 - 10
<b>Freezing point</b>	Not available
<b>Boiling point</b>	> 100 °C (> 212.00 °F)
<b>Pour point</b>	Not available
<b>Flash point</b>	> 93.3 °C (> 199.94 °F) closed cup
<b>Evaporation Rate</b>	> 0.4 (BuAc = 1)
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability Limits in Air, Upper, % by Volume</b>	Not available
<b>Vapour pressure</b>	Not available
<b>Vapour density</b>	> 1 (Air = 1)
<b>Specific gravity</b>	> 1 (H <sub>2</sub> O = 1)
<b>Octanol/water coefficient</b>	Not available

<b>Solubility (H2O)</b>	Insoluble
<b>Auto-ignition temperature</b>	Not applicable
<b>VOC (Weight %)</b>	0.1 - 3.7
<b>Viscosity</b>	Viscous

## 10. Stability and Reactivity

<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Acids. Oxidizers. Reducing agents.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon. Oxides of sulphur. Hydrogen sulphide. Oxides of nitrogen when heated to decomposition.
<b>Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.

## 11. Toxicological Information

### Component analysis - LC50

Ingredient(s)	LC50
Ethylene glycol	Not available
Fibrous glass	Not available
Polyethylene glycol octylphenyl ether	21500 mg/l/4h rat
Protein hydrolyzates	Not available
Stoddard solvent	> 5500 mg/m3 rat
VM&P Naphtha	Not available
Zinc sulfide	Not available

### Component analysis - Oral LD50

Ingredient(s)	LD50
Ethylene glycol	7500 mg/kg mouse; 6.6 g/kg guinea pig; 5 g/kg rabbit
Fibrous glass	Not available
Polyethylene glycol octylphenyl ether	4190 mg/kg rat; 3500 mg/L mouse
Protein hydrolyzates	1380 mg/kg rat
Stoddard solvent	5000 mg/kg rat
VM&P Naphtha	6000 mg/kg rat
Zinc sulfide	2000 mg/kg rat

### Effects of acute exposure

<b>Eye</b>	May cause irritation.
<b>Skin</b>	May cause irritation. May be absorbed through the skin.
<b>Inhalation</b>	May cause respiratory tract irritation.
<b>Ingestion</b>	May cause stomach distress, nausea or vomiting.
<b>Sensitisation</b>	Non-hazardous by WHMIS criteria.
<b>Chronic effects</b>	Chronic exposure causes drying effect on the skin and eczema.
<b>Carcinogenicity</b>	Non-hazardous by WHMIS criteria.

#### ACGIH - Threshold Limit Values - Carcinogens

Ethylene glycol	107-21-1	A4 - Not Classifiable as a Human Carcinogen
Fibrous glass	65997-17-3	A3 - Animal Carcinogen

#### IARC - Group 2B (Possibly Carcinogenic to Humans)

Fibrous glass	65997-17-3	Monograph 43, 1988
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#### IARC - Group 3 (Not Classifiable)

Fibrous glass	65997-17-3	Monograph 43, 1988; Monograph 81, 2002
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**Mutagenicity** Non-hazardous by WHMIS criteria.

**Reproductive effects** Non-hazardous by WHMIS criteria.

**Teratogenicity** Contains a potential teratogen. (JE086001, JE086002, JE086003) In rats and mice exposed to ethylene glycol, embryotoxic (late resorptions), fetotoxic (reduced fetal body weight) and teratogenic (external, soft tissue and skeletal defects) effects were observed at relatively high oral doses that caused no or minimal maternal toxicity.

**Synergistic Materials** Not available

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## 12. Ecological Information

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**Ecotoxicity** Components of this product have been identified as having potential environmental concerns.

**Ecotoxicity - Freshwater Algae Data**

Ethylene glycol	107-21-1	96 Hr EC50 Pseudokirchneriella subcapitata: 6500 - 13000 mg/L
VM&P Naphtha	8032-32-4	72 Hr EC50 Pseudokirchneriella subcapitata: 4700 mg/L

**Ecotoxicity - Freshwater Fish Species Data**

Ethylene glycol	107-21-1	96 Hr LC50 Oncorhynchus mykiss: 41000 mg/L; 96 Hr LC50 Oncorhynchus mykiss: 14-18 ml/L [static]; 96 Hr LC50 Lepomis macrochirus: 27540 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 40761 mg/L [static]; 96 Hr LC50 Pimephales promelas: 40000-60000 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 16000 mg/L [static]
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**Ecotoxicity - Microtox Data**

Ethylene glycol	107-21-1	30 min EC50 Photobacterium phosphoreum: 620.0 mg/L; 30 min EC50 Photobacterium phosphoreum: 620 mg/L; 16 Hr EC50 Pseudomonas putida: 10000 mg/L
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**Ecotoxicity - Water Flea Data**

Ethylene glycol	107-21-1	48 Hr EC50 Daphnia magna: 46300 mg/L
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**Environmental effects** Not available

**Aquatic toxicity** Not available

**Persistence and degradability** Not available

**Bioaccumulation/accumulation** Not available

**Partition coefficient** Not available

**Mobility in environmental media** Not available

**Chemical fate information** Not available

**Other adverse effects** Not available

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## 13. Disposal Considerations

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**Waste codes** Not available

**Disposal instructions** Review federal, provincial, and local government requirements prior to disposal.

**Waste from residues / unused products** Not available

**Contaminated packaging** Not available

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## 14. Transport Information

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**Transportation of Dangerous Goods (TDG - Canada)**

Not regulated as dangerous goods.

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## 15. Regulatory Information

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**Canadian federal regulations** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**Canada - WHMIS - Ingredient Disclosure List**

Ethylene glycol	107-21-1	1 %
Polyethylene glycol octylphenyl ether	9036-19-5	1 %
Stoddard solvent	8052-41-3	1 %
VM&P Naphtha	8032-32-4	1 %

**WHMIS classification** Class D - Division 2A, 2B

**WHMIS status** Controlled



**Inventory Status**

Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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**16. Other Information**

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**Disclaimer**

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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**Other Information**

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.