

## SAFETY DATA SHEET

# DRY-TYPE TRANSFORMER

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product name** DRY-TYPE TRANSFORMER

**Product use** ELECTRICAL

**Manufacturer** HAMMOND POWER SOLUTIONS  
Guelph, ON, N1G 3W6  
+1 (519) 822 - 2441

### SECTION 2: HAZARDS IDENTIFICATION

**Route of Entry** Inhalation

**Signal Word** Warning

**WHMIS symbols**



**Hazard Statements** May cause dizziness if inhaled

**Precautionary statements** Install in a well ventilated place or preferred location by the manufacturer  
If inhaled: remove the person to fresh air and keep comfortable for breathing  
If skin irritation occurs: Get medical advice or attention  
If eye irritation occurs: Get medical advice or attention  
In case of fire: use foam, carbon dioxide or dry powder to extinguish

**Disposal** Dispose of contents in accordance with applicable local/regional/national/  
International regulations

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	CAS Number	LD <sub>50</sub> of Ingredient	LC <sub>50</sub> of Ingredient
Cured Polyester Resin	0.5	73144-93-1		
Cured Epoxy Resin	0.5	25068-38-6		

*\*\*The specific chemical identity and/or exact percentage (conc.) of this composition has been withheld as a trade secret*

### SECTION 4: FIRST AID MEASURED

**Inhalation** Remove person to fresh air. If you feel unwell, get medical attention

**Skin contact** Wash thoroughly after contact. Get medical attention if irritation occurs

**Eye contact** Flush eyes with large amounts of water after contact. Get medical attention if  
Irritation occurs

## SECTION 5: FIRE FIGHTING MEASURES

<b>Flammable</b>	Yes
<b>Condition</b>	Open Flame If installation instructed by manufacturer is not followed Tampering of the product other than manufacturers specifications
<b>Means of extinction</b>	Use a carbon dioxide or dry chemical extinguisher
<b>Autoignition Temperature (°C)</b>	500 °C
<b>Special Hazards</b>	<i>No data available</i>
<b>Hazardous by-products</b>	Insulating Resins will liberate oxides of carbon and hydrocarbons <i>**The composition and toxicity of these oxide are not determined</i>
<b>Advice for firefighters</b>	Water should not be used as this an electrical equipment. Wear full protective clothing Including helmet, self – contained, positive pressure apparatus, bunker coats, face mask, and protective covering for exposed areas of the head

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Wear protective clothing as described in section 8 of this safety data sheet
<b>Environmental precautions</b>	Collect and dispose as indicated in section 13
<b>Methods for clean-up</b>	For waste disposal, see section 13. Wear protective clothing as described in section 8 of this safety data sheet

## SECTION 7: HANDLING AND STORAGE

<b>Precautions for safe handling</b>	Read and follow manufacturer's recommendations
<b>Storage precautions</b>	Keep away from a direct heat source and open flame. Store in a well-ventilated Place

## SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>Exposure limit</b>	N/A
<b>Exposure engineering control</b>	Use adequate ventilation recommended by the manufacturer
<b>Personal protective equipment</b>	
<b>Eye/Face</b>	Safety glasses are preferred
<b>Skin/hand</b>	Use PPE considering the temperature of the product, doesn't usually cause any skin irritation
<b>Respiratory</b>	exposure assessment is required to decide if a respirator is required.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Amorphous Solid
<b>Odour and Appearance</b>	Slight odour, Amber or brown
<b>Odour threshold</b>	<i>no data available</i>
<b>Sp. Gravity</b>	<i>no data available</i>
<b>Vapour Density</b>	<i>not applicable</i>

<b>Vapour Pressure</b>	<i>not applicable</i>
<b>Evaporation rate</b>	<i>no data available</i>
<b>Boiling Point</b>	<i>not applicable</i>
<b>Freezing Point</b>	<i>not applicable</i>
<b>pH</b>	<i>not applicable</i>
<b>Coefficient of water/oil dist.</b>	<i>not applicable</i>

#### SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	This product is not reactive under normal operating conditions
<b>Chemical stability</b>	Stable
<b>Conditions to avoid</b>	Flames and temperature above autoignition temperature
<b>Incompatible materials</b>	Strong oxidizing agents, strong acids

#### SECTION 11: TOXOLOGICAL INFORMATION

*\*\*The information below may be supporting the conclusions provided in section 2*

<b>Effects of Acute exposure</b>	Protective coatings may volatilize and produce fumes. Do not breathe these vapours and ventilate the area. May cause dizziness, headache, and Nausea.
<b>Effects of chronic exposure</b>	This product produces no harmful by products during operation and is not considered as a threat to human health. RoHS and REACH compliant. This product contains no Polychlorinated Biphenyls (PCB).
<b>Irritancy of product</b>	<i>no data available</i>
<b>Sensitization to product</b>	<i>no data available</i>
<b>Carcinogenicity</b>	<i>no data available</i>
<b>Reproductive toxicity</b>	<i>no data available</i>
<b>Teratogenicity</b>	<i>no data available</i>
<b>Mutagenicity</b>	<i>no data available</i>

#### SECTION 12: ECOLOGICAL INFORMATION

<b>Ecological Information</b>	<i>**Please contact the address, or the phone number listed on the first page of the SDS for additional information on this material and/or its components</i>
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#### SECTION 13: DISPOSAL CONSIDERATION

<b>Disposal Methods</b>	Dispose the product/contents in accordance with local/regional/national/International regulations
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#### SECTION 14: TRANSPORT INFORMATION

<b>Transport information</b>	<i>**For transport information please contact the address or the phone number listed on the first page of the SDS</i>
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## SECTION 15: REGULATORY INFORMATION

*\*\*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 those regulations*

**State regulations** *\*\*Contact Hammond Power Solutions for more information*

**Fire Hazard** No

**Pressure Hazard** No

**Reactivity Hazard** No

**Immediate Hazard** No

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**International regulations** *\*\*Contact Hammond Power Solutions for more information*

## SECTION 16: OTHER INFORMATION

**Revision comments** converted to internationally harmonized 16-heading MSDS format proposed as the standard order by the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), which is intended to be adopted as a worldwide system and is documented in ANSI (American National Standards Institute) Standard Z400.1-2004.

**Revision date** 1<sup>st</sup> April 2024

**Revision** 3.0

**Prepared by** Christy Reenu

**Reviewed by** Jeff Perry

*\*\*The information provided in this document has been compiled based on our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently, it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own circumstances, conditions, or use.*