

# MATERIAL INFORMATION SHEET

## MIS # 1266 – Ener-Air MT

**IMPORTANT:** Read this Material Information Sheet before handling or disposing of this product. This product safety information is provided to help our customers with health, safety and/or environmental matters. We have taken reasonable effort to ensure that the test methods and sources for this data are correct and reliable, however, we give no warranty, expressed or implied, regarding its correctness. Since conditions or methods of handling and using this product are beyond our control, we do not assume responsibility and expressly disclaim liability for damages resulting from or connected with the handling, storage, use or disposal of the product.

NOTE: Under government regulations, a MSDS is not required for this material; it is an end use product.

### SECTION 1 PRODUCT AND MANUFACTURER'S INFORMATION

*Manufacturer/Supplier:* IKO Industries Ltd.  
*Address:* 87 Orenda Road  
Brampton, Ontario  
L6W 1V7  
*Emergency Phone:* Canutec: 1-613-996-6666 (24 hours information only)  
*Product Name:* Ener-Air MT  
*Chemical Name:* Not applicable  
*Chemical Family:* Not applicable

### SECTION 2 PREPARATION INFORMATION

*Prepared/Reviewed By:* HSE Department  
*Phone Number:* (905) 457-2880 - EXT. 3354  
*Date:* March 22, 2016

### SECTION 3 HAZARDOUS INGREDIENTS

Non-hazardous, comprised mainly of polypropylene. Colored and printed fabrics contain small quantities of proprietary pigments that may be health hazards in concentrated form. Contained in the matrix of the fabric, they do not make the fabric hazardous. More details on specific colors may be available upon request. The adhesive component of this product is not considered to be hazardous according to OSHA Hazard Communication Standard 29CFR1910.1200. The composition of the adhesive is proprietary, however in the event of a medical emergency, compositional information will be provided to a physician or nurse.

### SECTION 4 PHYSICAL DATA

*Boiling Point:* Not available  
*Specific Gravity:* 1.26  
*Vapour Pressure:* Not available  
*Vapour Density:* Not Available  
*Evaporation Rate:* Not Available  
*Solubility In Water:* Insoluble in cold and hot water  
*Appearance and Odour:* Flexible sheet with adhesive on one side, slight odor  
*pH:* Not available  
*Freezing Point:* 120 – 170C  
*Coefficient of Oil/  
Water distribution:* Not soluble in water or oil

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### SECTION 5 FIRE AND EXPLOSION DATA

<i>Flash Point:</i>	204C
<i>Flammable Limits:</i>	Not applicable
<i>Extinguishing Media:</i>	Foam, CO2, Dry Chemical, Water
<i>Special Firefighting Procedures:</i>	All individuals required to enter the hazard area must wear full-face, NIOSH-approved self-contained breathing apparatus and appropriate protective clothing.
<i>Unusual Fire and Explosive Hazards:</i>	Polypropylene products are not highly flammable, but will melt and/or burn when exposed to heat or open flame. Avoid contact with molten, dripping plastic. When heated to decomposition, product emits carbon monoxide, acrid smoke and irritating fumes. Material can accumulate static charges which can cause an electrical discharge.

### SECTION 6 HEALTH HAZARD DATA

<i>Inhalation Health Risks, Symptoms of Exposure:</i>	<i>None at ambient temperatures (-18 to 38C; 0 to 100F). Vapours which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.</i>
<i>Skin/Eye Contact Health Risks, Symptoms of Exposure:</i>	<i>Prolonged and/or repetitive contact can cause abrasion and irritation. Contact with molten product will burn unprotected skin and eyes. Should a burn occur, cool burn area immediately with cool, clean, running water until no heat is emitted from burn area. Cover with light, dry dressing. Do not apply oily ointments or puncture blisters. Obtain medical assistance.</i>
<i>Ingestion Health Risks, Symptoms of Exposure:</i>	<i>Products should not be eaten, nor used as food wrapping without consulting the manufacturer.</i>
<i>Health Hazards (Acute and Chronic):</i>	<i>None.</i>
<i>Carcinogenicity NTP?</i>	<i>No</i>
<i>IARC Monographs?</i>	<i>No</i>
<i>OSHA Regulated:</i>	<i>No</i>
<i>Mutagenic Effects:</i>	<i>None known.</i>
<i>Developmental Toxicity:</i>	<i>Not toxic.</i>
<i>Teratogenic Effects:</i>	<i>None known.</i>
<i>Medical Condition Generally Aggravated by Exposure:</i>	<i>None identified.</i>
<i>Emergency and First Aid Procedures:</i>	<i>If in contact with hot or molten plastic, treat the effected area with cool water and seek medical attention.</i>

### SECTION 7 REACTIVITY DATA

<i>Stability:</i>	<i>Stable Decomposition temperature &gt; 200C.</i>
<i>Polymerization:</i>	<i>Will not occur</i>
<i>Conditins to Avoid:</i>	<i>Temperatures Above 175F (80C), oxidants, unknown hydrocarbons. Consult manufacturer before using as containment or barrier for</i>

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chemicals other than water. Very slightly reactive with oxidizing agents, acids, alkalis.

*Hazardous  
Decomposition Products:*

Carbon monoxide, carbon dioxide, oxides of nitrogen, and hydrocarbons may be generated during thermal decomposition and combustion.

### SECTION 8 PRECAUTIONS FOR SAFE HANDLING AND USE

*Steps to be Taken in Case Material is Released or Spilled:*

*Normal, good housekeeping practices. If in a molten state allow the adhesive component to solidify then use a shovel, or other appropriate instrument, to put the material into a convenient waste disposal container. Recycle to process, if possible. Spilled product may create a slipping hazard (especially if wet).*

*Waste Disposal Method:*

*In accordance with local, state/provincial and federal regulations. Preferred disposal methods are (1) clean and reuse if possible; (2) contact plastic supplier; (3) incinerate with waste heat recovery, and/or (4) landfill.*

*Precaution to be Taken in Handling and Storage:*

*Products may be slippery to walk on when wet. Charges of static electricity may be generated during handling and processing. Store in a cool, well-ventilated area away from incompatible materials. Do NOT store or handle near an open flame, heat or other sources of ignition*

### SECTION 9 EXPOSURE CONTROLS, PERSONNEL PROTECTION

**Respiratory Protection:** Not required under normal handling and ventilation. Should conditions exist that require respiratory protection, an organic vapor protection mask is recommended.

**Ventilation:** Local exhaust. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Small amounts of fines or dust may accumulate in material handling systems. If permitted to accumulate, these fines and dust can, under certain conditions, pose an explosion hazard. Every effort should be made to prevent the concentration or accumulation of fines or dust in, or around, material handling systems.

**Protective Gloves:** Recommended in cases of repetitive contact, such as sewing operations. Where contact may occur with hot material, wear thermal resistant gloves and arm protectors.

**Eye Protection:** Safety glasses or goggles with side shields where contact is likely at ambient temperatures (-18 to 38C; 0 to 100F). Where contact may occur with hot material, wear a face shield.

**Other Protective Equipment or Clothing:** None at ambient temperatures. Wear heat protective clothing if there is a potential for contact with molten material.

**Work/Hygienic Practices:** Wash hands after handling and before eating.

### SECTION 10 REGULATORY

SARA Title III Hazard Category: No applicable information found.