

MATERIAL SAFETY DATA SHEET

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I. PRODUCT IDENTIFICATION:

NAME OF PRODUCT: FLEXIBLE POLYVINYL CHLORIDE FILM, ROLL FLAGGING
CHEMICAL NAME: NOT APPLICABLE (MIXTURE)
CHEMICAL FAMILY: ORGANIC POLYMER COMPOSITE
FORMULA: PROPRIETARY COMPOSITE OF PVC RESIN AND FUNCTIONAL INGREDIENT.
DOT HAZARDOUS CLASSIFICATION: NOT APPLICABLE

II. INGREDIENTS:

<u>PRINCIPLE HAZARDOUS COMPONENTS.</u>	<u>PERCENT</u>	<u>HAZARD DATA</u>
VINYL CHLORIDE MONOMER	LESS THAN 2 PPM	CANCER SUSPECT AGENT REGULATED BY OSHA 29 CFR 1910.1017
BARIUM ZINC STABILIZER	LESS THAN 200 PPM	BARIUM & ZINC OXIDE PHOSPHORUS OXIDE, CARBON MONOXIDE & CARBON DIOXIDE WHEN BURNED.
LEAD CHROMATE ¹	LESS THAN 200 PPM	
LEAD MOLYBDATE, CHROMATE, SULFATE ²	LESS THAN 125 PPM	

¹PRESENT IN YELLOW, YELLOW GLO, ORANGE GLO, LIME GLO AND GREEN GLO PRODUCT. TRACE AMOUNTS MAY BE PRESENT IN OTHER COLORS. THE INGREDIENT IS ENCAPSULATED IN THE FORMULA AND IT IS NOT EXPOSED AS A DIRECT CONTACT HAZARD WHEN USED AS INTENDED.

²PRESENT IN ORANGE PRODUCT. TRACE AMOUNTS MAY BE PRESENT IN OTHER COLORS. THE INGREDIENT IS ENCAPSULATED IN THE FORMULA AND IT IS NOT EXPOSED AS A DIRECT CONTACT HAZARD WHEN USED AS INTENDED.

III. PHYSICAL DATA:

BOILING POINT: N/A MELTING POINT: SOFTENS ABOVE 70 DEG. C.
VAPOR PRESSURE: N/A VAPOR DENSITY: N/A
WATER SOLUBILITY: INSOLUBLE % VOLATILE BY WT: 0.5% MAX.
VISCOSITY: N/A SPECIFIC GRAVITY: 1.28
APPEARANCE/ODOR: FLEXIBLE FILM MATERIAL, WITH A CHARACTERISTIC ODOR, WITH VARIOUS COLOR.

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLAMMABLE LIMITS IN AIR: UNKNOWN
EXTINGUISHING MEDIA: WATER, FOAM, CARBON DIOXIDE
FIRE FIGHTING PROCEDURE: SELF CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE IN POSITIVE PRESSURE MODE AND AN IMPERVIOUS SUITE.
FIRE AND EXPLOSION HAZARDS: ON BURNING, MAY PRODUCE IRRITATING TOXIC VAPORS INCLUDING HYDROGEN CHLORIDE, OXIDES OF CARBON, BARIUM, AND ZINC.

ABBREVIATIONS: N/A==NOT APPLICABLE.

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V. HEALTH HAZARD INFORMATION

THRESHOLD LIMIT VALUE: NOT ESTABLISHED; THE MATERIAL CONTAINS VINYL CHLORIDE MONOMER, A CANCER-SUSPECT AGENT.

EFFECTS OF OVER EXPOSURE: NO SIGNIFICANT HAZARDS AT AMBIENT TEMPERATURES.

EYE CONTACT: EYE CONTACT IS NOT EXPECTED TO OCCUR DURING NORMAL USE OF THE PRODUCT. DUST CREATED BY CUTTING, GRINDING, SANDING OR MACHINING MAY CAUSE EYE IRRITATION.

SKIN CONTACT: NO ADVERSE HEALTH EFFECTS ARE EXPECTED FROM SKIN CONTACT.

INHALATION: VAPORS OF HEATED MATERIAL MAY CAUSE RESPIRATORY SYSTEM IRRITATION.

VI. REACTIVITY DATA

STABILITY: STABLE AT AMBIENT TEMPERATURE; PROLONGED HEAT ABOVE 100 DEG. C. WILL CAUSE ITS DECOMPOSITION, EMITTING HYDROGEN CHLORIDE.

CHEMICAL INCOMPATIBILITY: COMPATIBLE WITH OTHER STABLE COMPOUNDS. AVOID KETONE.

DECOMPOSITION PRODUCTS: HYDROGEN CHLORIDE, HYDROCARBONS, OXIDES OF CARBON, BARIUM AND ZINC MAY BE PRODUCED, WHEN BURNED.

POLYMERIZATION HAZARD: WILL NOT OCCUR.

VII. ENVIRONMENTAL INFORMATION:

WASTE DISPOSAL METHOD: LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

REPORTABLE QUANTITY: NOT APPLICABLE.

VIII. SPECIAL PROTECTION INFORMATION

VENTILATION: NO SPECIAL VENTILATION IS REQUIRED AT AMBIENT TEMPERATURE.

RESPIRATORY PROTECTION: NO SPECIAL RESPIRATORY PROTECTION IS REQUIRED AT AMBIENT TEMPERATURE.

EYE PROTECTION: SAFETY GLASSES

GLOVES: NO SPECIAL GLOVES ARE REQUIRED.

PROVIDE EXHAUSTS AND RESPIRATORY PROTECTION WHEN USE OF THE MATERIAL WILL EXCEED 100 DEG. C.

IX. SPECIAL PRECAUTIONS.

HYGIENIC PRACTICES IN HANDLING AND STORAGE :
STORE IN COOL, DRY LOCATION- FOR INDUSTRY USE ONLY.

PRECAUTIONS IN HANDLING AND STORAGE:
ELECTRICAL GROUNDING IS RECOMMENDED ON HANDLING EQUIPMENT.

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