

PVC: SOLIDS, WOODGRAINS, METALLICS, DIMENSIONALS.

VENEER IN CONTINUOUS COILS FOR EDGE BANDING AND WRAPPING.

MELAMINE: SOFTFORMING, STAINABLE, WRAPPING, POSTFORMING MATERIALS.

HOTMELT: EDGE BANDERS AND WRAPPERS.

HOTMELT SAFETY DATA SHEET

Canplast had an analysis done for toxic gas from heated hotmelts, by an independant consultant firm specializing in such studies. Air samples were taken at a distance of 2 feet from the glue pot of an edgebander (simulating the position of an operator) and these samples were analysed by gas chromatography. The table 1 below contains typical decomposition values and the standard limits permitted.

CANPLAST EVA TYPE HOTMELT ADHESIVES ARE 100% NON-VOLATILE THERMOPLASTIC COMPOUNDS WHICH ARE SOLID AT ROOM TEMPERATURE. THEY ARE NOT TOXIC AND THEY ARE NOT HAZARDOUS SUBSTANCES, AS PER OCCUPATIONAL SAFETY AND HEALTH STANDARDS (OSHA), PART 1910, SUBPART Z.

CANPLAST HOTMELTS ARE WELL STABILIZED TO ACCOMODATE THE NORMAL PROCESSING TEMPERATURES BUT, THE ABILITY OF THE STABILIZERS IS LIMITED. IF HEATED ABOVE 230° C (446° F), THE RATE OF DECOMPOSITION OF EVA HOTMELTS WILL INCREASE AND AT THE SAME TIME, PRODUCE HIGHER CONCENTRATION OF DEGRADATION PRODUCTS.

TABLE 1, CONTAINS TYPICAL DECOMPOSITION VALUES AND THE LIMITS PERMITTED.

	Actual	Limits permitted
Aldehydes	0.2 ppm	(1)
Acetic Acid	1 ppm	(10)
Ethyl Acetate	34 mg/m ³	1400 mg/m ³
Terpentine	47 mg/m ³	560 mg/m ³
TVL (2)	nil	---

(1) For acetaldehyde, the limit is 100 ppm. For formaldehyde, 2 ppm.

(2) Being a solid at room temperature, TVL is non-existent.

(TVL = Threshold value)

NOTE: ppm = parts per million

mg/m³ = milligram per cubic meter

VAPORS FROM CANPLAST EVA HOTMELTS CAN IRRITATE THE RESPIRATORY ORGANS, MORE OR LESS SEVERELY, IF THE AIR CIRCULATING IN THE WORKING AREA IS INADEQUATE. IF SKIN COMES IN CONTACT WITH MOLTEN HOTMELTS, QUENCH THE AFFECTED AREA IMMEDIATELY WITH WATER. DO NOT PEEL HOTMELTS FROM THE SKIN

CANPLAST INC.

**MANUFACTURERS OF EDGE BANDING AND WRAPPING
MATERIALS MADE FROM PVC, VENEER, MELAMINE, HOTMELTS.**

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