



**VIKAS ecOTECH LTD.**

(Formerly Vikas GlobalOne Ltd.)

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**Vikolene**

**EVA (ETHYLENE VINYL ACETATE) COMPOUNDS**

**Material Safety Data Sheet**

Updated on: 1<sup>ST</sup> January 2016

Product Description:

Vikolene, EVA compounds are especially used for Injection /Compression molding Cross-linked Foams. They are suitable for injection molding of high quality Sandals, Midsole, Insole, Outsole and Sheets.

PRODUCT IDENTIFICATION:

EVA COMPOUNDS

Physical & Chemical Properties:

PROPERTIES	COLOUR	SURFACE FINISH	SPECIFIC GRAVITY	HARDNESS (SHORE A)	EXPANSION (RATIO)	APPLICATION
UNIT	NA	NA	(After Expansion)	(After Expansion)	AT 75 ± 3° C	
TEST METHOD	ASTM 1003		ASTM D792	ASTM 4420		
V 16 (All Colours)	AS PER	SHOULD BE	0.23 ± 0.05	39-47	01:01.6	Injection Molding /Compression molding
V 16 A (All Colours)	VISUAL	FREE FROM	0.23 ± 0.05	39-47	01:01.6	Injection Molding
V 14 A (All Colours)	MATCHING	CONTAMINATION,	0.35 ± 0.05	55-60	01:01.4	Injection Molding
V 15 (All Colours)		HARD PARTICLES,	0.23 ± 0.05	55-60	01:01.6	Injection Molding
V 16 B (All Colours)		BUBBLES/ PIN HOLES	0.23 ± 0.05	42-48	01:01.6	Injection Molding
V 18 (All Colours)			0.23 ± 0.05	26-34	01:01.8	Injection Molding

\* Tailor made grades can be offered as per customer's requirement.

## POTENTIAL HAZARDS INFORMATION:

### FIRE HAZARD:

- FLASH POINT : >200°C
- OSHA FLAMMABILITY CLASS: Combustible solid.
- EXTINGUISHING MEDIA: USE WATER FOG, DRY CHEMICAL, CARBON DIOXIDE OR FOAM AS APPROPRIATE FOR MATERIALS IN SURROUNDING FIRE. AVOID USING DIRECT STREAMS OF WATER ON MOLTEN BURNING MATERIAL AS IT MAY SCATTER AND SPREAD THE FIRE.
- AS IN ANY FIRE, WEAR NIOSH/MSHA APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. WATCH FOOTING ON FLOORS AND STAIRS BECAUSE OF POSSIBLE SPREADING OF MOLTEN MATERIAL.

### HEALTH HAZARDS:

- **SKIN:** CONTACT WITH MOLTEN MATERIAL MAY CAUSE THERMAL BURNS.
- **EYES:** MAY CAUSE MECHANICAL IRRITATION IF PRODUCT COMES INTO CONTACT WITH THE EYE.
- **INHALATION:** NOT A PROBABLE ROUTE OF EXPOSURE UNDER NORMAL CONDITIONS OF USE. ELEVATED PROCESSING TEMPERATURES MAY GENERATE FUMES AND VAPORS WHICH MAY CAUSE IRRITATION TO THE NOSE AND THROAT?
- **INGESTION:** NOT A PROBABLE ROUTE OF EXPOSURE. NOT CONSIDERED HAZARDOUS.

### FIRST AID MEASURES:

- **SKIN:** IF IN CONTACT WITH MOLTEN MATERIAL, SUBMERGE INJURED AREA IN COLD WATER. DO NOT ATTEMPT TO REMOVE MATERIAL ADHERING TO THE SKIN. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.
- **EYES:** FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.
- **INHALATION:** IF EXPOSED TO VAPORS AT ELEVATED PROCESSING CONDITIONS, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

- **INGESTION:** NOT A PROBABLE ROUTE OF EXPOSURE.

➤ HANDLING:

NORMAL HANDLING:

- ALWAYS WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT.
- FOLLOW STANDARD PERSONAL HYGIENE AND HOUSEKEEPING PRACTICES FOR AN INDUSTRIAL ENVIRONMENT.

STORAGE:

- TO MAINTAIN PRODUCT QUALITY, STORE IN A COOL, DRY AREA, AWAY FROM DIRECT HEAT OR SUNLIGHT. DO NOT STORE NEAR STRONG OXIDIZING AGENTS AND AMINES

➤ TRANSPORTATION: NOT REGULATED

➤ DISPOSAL:

REFER TO ALL FEDERAL, STATE AND LOCAL REGULATIONS PRIOR TO DISPOSITION. IF UNABLE TO MANAGE, CONTACT A FACILITY THAT COMPLIES WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

➤ PREPARED BY: Sr. CHEMIST

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