



Vikas Global  ne Ltd.

[www.vikasglobal.com](http://www.vikasglobal.com)

## MATERIAL SAFETY DATA SHEET

Updated on: 1<sup>ST</sup> August 2013

# Vikolene

## EVA (ETHYLENE VINYL ACETATE) COMPOUNDS

### 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

**Disclaimer:**

IMPORTANT: The statements, technical information and recommendations contained herein are believed to be accurate as of the date. Since the conditions and methods of use of the product and of the information referred to, are beyond our control.

Vikas GlobalOne Ltd. expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization.

Before handling this material, read and understand the MSDS (Material Safety Data Sheet) for additional information on personal protective equipment and for safety, health and environmental information.