



VIKAS ecOTECH LTD.

(Formerly Vikas GlobalOne Ltd.)

www.vikasecotech.com

MATERIAL SAFETY DATA SHEET

UPDATED ON: 1ST January 2016

Section 1 – Chemical Product and Company Identification

- **Product:** **TINMATE 201 XL**
Specially Designed OrganoTin Stabilizer for CPVC Applications

Product Description: TINMATE 201 XL is highly effective liquid stabilizer, especially designed for CPVC Extrusion and Injection Moldings. Its provides good early colour control and long term stability.

- **PRODUCT GRADE / CODE:** TINMATE 201 XL
- **Manufacturer's Name:** Vikas GlobalOne Ltd. New Delhi India
- **PREPARED BY:** SENIOR CHEMIST

Section 2 – Composition/Information on Ingredients

- **MAIN COMPONENTS:**

COMPONENT	CAS No
Dibutyltin bis(2-ethylhexyl thioglycolate)	10584-98-2

Section 3 – Hazards Identification

- **SKIN:** MAY CAUSE MILD IRRITATION AND/OR SKIN ALLERGY.
- **EYES:** MAY CAUSE MILD IRRITATION.
- **INHALING:** MAY CAUSE NAUSEA & VOMITTING.
- **EXPOSURE:** PROLONGED OVEREXPOSURE MAY EFFECT GENERAL HEALTH AND GENERAL INDUSTRIAL PRACTICES SHALL BE FOLLOWED WHILE HANDLING & USAGE.

Section 4 – First Aid Measures

- **EYES:** FLUSH EYES WITH WATER; SEEK MEDICAL HELP IF THE IRRITATION PERSISTS.
- **SKIN:** WASH SKIN WITH WATER AND SOAP. SEEK MEDICAL HELP IF THE IRRITATION PERSISTS.
- **INHALATION:** MOVE TO FRESH AIR, SEEK MEDICAL HELP.
- **INGESTION:** DO NOT GIVE LIQUIDS, SEEK MEDICAL HELP IMMEDIATELY

Section 5 – Fire Fighting Measures

- **FIRE HAZARD:**
 - FLASH POINT 147 °C (302.00 °F)
 - GENERALLY INFLAMMABLE: HOWEVER MAY BURN AT ELEVATED TEMPRATURES.
 - EXTINGUISHING MEDIA: WATER / CO₂ FOAM.
 - COMBUSTION GENERATES TOXIC FUMES OF THE FOLLOWING: CARBONDIOXIDE, SULFUR OXIDES.
 - HIGH TEMPERATURES CAN CAUSE SEALED CONTAINERS TO RUPTURE DUE TO A BUILD UP OR OF INTERNAL PRESSURE.

Section 6 – Accidental Release Measures

- HIGH TEMPERATURES CAN CAUSE SEALED CONTAINERS TO RUPTURE DUE TO A BUILD UP OR OF INTERNAL PRESSURE.

Section 7 – Handling and Storage

- **HANDLING:**
 - USE PROTECTIVE EQUIPMENT ETC.
 - AVOID SPILL WHICH CAN CREATE SLIPPERY CONDITIONS.
 - AVOID BREATHING VAPOURS.
 - WASH THOROUGHLY AFTER HANDLING, KEEP THE CONTAINERS CLOSED.
- **STORAGE:**
 - INDOOR STORAGE IS RECOMMENDED, STORE IN DRY, VENTILATED PLACE.
 - PLASTIC DRUM OR STAINLESS STEEL USE FOR STORING, PIPING, FOR STORAGE / TRANSFER OF MATERIAL SHOULD BE HANDLED WITH NORMAL PRECAUTIONS FOR ORGANIC LIQUIDS.

Section 8 – Exposure Control/Personal Protection

- **SKIN:** MAY CAUSE MILD IRRITATION AND/OR SKIN ALLERGY.
- **EYES:** MAY CAUSE MILD IRRITATION.
- **INHALING:** MAY CAUSE NAUSEA & VOMITTING.

Section 9 – Physical and Chemical Properties

- Physical & Chemical Properties:

Particulars		TINMATE 201 XL	Testing Procedure
	Unit	Standard	
Appearance		Clear colourless Liquid	Visual
Color	(Gardner)	< 1	By Comparator
Viscosity at 25 °C	CSt	100 Max	Ostwalt Viscometer(U tube)
Specific Gravity at 20 °C		1.17 min	Hydrometer
Refractive Index at 25 °C		1.507-1.511	Refractometer
Tin Metal Content	%	19.5 ± 0.3	Titration (Perchloric)

Section 10 – Stability and Reactivity

- Generally Stable / Non Reactive

Section 11 – Toxicological Information

- AVOID CONTACT WITH SKIN: MAY CAUSE IRRITATION AND / OR SKIN ALLERGY, WEAR GLOVES, AVOID SPILLAGE.
- AVOID CONTACT WITH EYES: MAY CAUSE IRRITATION, WEAR PROTECTIVE SAFETY GLASSES.
- AVOID INHALING: MAY CAUSE NAUSEA & VOMITTING.

Section 12 – Ecological Information

- Limited potential to harm aquatic organisms and may cause adverse effect in the aquatic environment.

Section 13 – Disposal Considerations

- 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

Section 14 – Transport Information

- TRANSPORTATION: NOT REGULATED

Section 15 – Regulatory Information

- NA

Section 16 – Other Information

- **NA**

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.

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