



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: POLYCIZER® TOTM-S

Manufactured for and supplied by:

Harwick Standard Distribution Corporation
60 South Seiberling Street
P.O. Box 9360
Akron, OH 44305-0360

Telephone No: (330) 798-9300
Date prepared: July 1, 2014
Preparer: Health, Safety & Environment
Product Use: Plasticizer

SECTION 2 – HAZARD(S) IDENTIFICATION

Primary Routes of Exposure:

Inhalation Skin contact Eye contact Skin absorption Ingestion

Emergency Overview: Warning! May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. Avoid breathing dust, fume, gas, mist vapors or spray.

Potential Health Effects: Eye contact may cause eye irritation. Vapors/mists from heated product may irritate eyes. Repeated or prolonged skin contact may lead to irritation. Vapors/mists from heated product may cause skin irritation. A skin sensitizer. Repeated or prolonged skin contact may lead to allergic contact dermatitis. Ingestion of large amounts may cause nausea and vomiting.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity	CAS Number	%
Trioctyl trimellitate; TOTM	3319-31-1	>99

Contains 0.3 wt% pentaerythritol tetrakis(2,5-di-tert-butyl-4-hydroxyphenyl)propionate antioxidant.

SECTION 4 – FIRST AID MEASURES

Inhalation: Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if effects persist.

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Ingestion: Seek medical attention. Do not give anything by mouth to an unconscious or convulsing person. Induce vomiting only upon advice of a physician.

Skin contact: Remove contaminated clothing and shoes. Wash affected skin areas with soap and water. If irritation persists, seek medical attention.

Eye contact: Check for and remove contact lenses. Rinse eyes with plenty of water. If eye irritation persists, seek medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Flash point: 441°F (227°C) Closed Cup

Extinguishing media: Carbon dioxide (CO₂), dry powder or foam. Water spray can be used to cool fire-exposed surfaces. Do NOT use water jet.

Special fire fighting procedures: Full face self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.

Unusual Fire and Explosion Hazards: On burning will emit toxic fumes, including those of oxides of carbon.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak & Spill Procedure: Clear area of all unprotected personnel. Slippery when spilt. Wear appropriate personal protection to prevent skin and eye contact. Contain-prevent run off into drains and waterways. Use absorbent material (e.g. soil, sand or other inert material). Package all material in appropriate container for disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin and breathing vapors.

Storage: Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store in a cool, dry, well-ventilated area away from sources of ignition and open flame. Store away from strong oxidizing agents.

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: A NIOSH/MSHA approved respirator above PEL or TLV, and/or an organic vapor respirator for vapors or mists if engineering controls do not maintain airborne concentrations below recommended exposure limits or to an acceptable level.

Ventilation:

- Local exhaust: Recommended to minimize exposure.
- Mechanical (general): Recommended to minimize exposure.

Protective gloves: Impervious gloves

Eye protection: Safety glasses

Other protective clothing or equipment: Long sleeved clothing. Overalls. Safety shoes.

Work/hygienic practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday. Wash contaminated clothing and other protective equipment before storage or re-use.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling point:	>250°C	Specific gravity:	0.984 @20°C
Freezing/Melting point:	-30°C (Pour point)	pH:	Not available
Vapor pressure:	<0.01 kPa @ 20°C	Odor threshold (ppm):	Not available
Vapor density (AIR=1):	Not available	Coefficient of water/oil distribution:	Not available
Solubility in water:	0.006 g/L @ 20°C	Viscosity:	87.8 cSt @ 40°C
Appearance (physical state):	Light yellow liquid	Odor:	Mild

SECTION 10 - STABILITY & REACTIVITY

Stability **Stable:**
 Unstable:

Conditions to Avoid (Conditions of Reactivity): Avoid exposure to heat, sources of ignition and open flame.

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Incompatibility (Materials to Avoid): Strong oxidizing agents.

Hazardous Polymerization **May occur:**
Will not occur:

Hazardous Decomposition or Byproducts: Oxides of carbon.

SECTION 11 - TOXICOLOGICAL INFORMATION

Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Inhalation: Breathing in vapor may produce respiratory irritation. Inhalation of vapors/mist from heated product may cause respiratory irritation.

Ingestion: No adverse effects expected, however, large amounts may cause nausea and vomiting.

Skin contact: Repeated or prolonged skin contact may lead to irritation. Vapors/mist from heated product may cause skin irritation. A skin sensitizer. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Eye contact: May be an eye irritant. Vapors/mist from heated product may irritate eyes.

Acute Toxicity

Oral LD50 (Rat): >5000 mg/kg

Dermal LD 50 (Rabbit): >2000 mg/kg

Skin corrosion/irritation: Slight irritant (rabbit)

Serious eye damage/irritation: Slight irritant (rabbit)

Chronic effects: Suspected of damaging fertility or the unborn child

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal method: In accordance with federal, state, and local regulations. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state and local regulations.

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SECTION 14 - TRANSPORTATION INFORMATION

Special shipping information: Not DOT Regulated

SECTION 15 - REGULATORY INFORMATION

TSCA Inventory Status: All components of this product are listed on or exempt from the TSCA Inventory.

HMIS Classification: HEALTH 1 FLAMMABILITY 1 REACTIVITY 0

SECTION 16 - OTHER INFORMATION

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