

SAFETY DATA SHEET



Date Prepared : 04/23/2014

MSDS No : 61

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Revision No : 4

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: Last Patch Accelerator

MANUFACTURER

Bonstone Materials Corporation
 707 Swan Drive
 Mukwonago, WI 53149
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24 HR. EMERGENCY TELEPHONE NUMBERS

Chemtrec: 1-800-424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2
 Skin Irritation, Category 2
 Acute Toxicity (Inhalation), Category 2

Environmental:

Acute Hazards to the Aquatic Environment, Category 3

GHS LABEL



Exclamation
mark



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H303 + H313 + H333: May be harmful if swallowed, in contact with skin or if inhaled.
 H313: May be harmful in contact with skin.
 H333: May be harmful if inhaled.
 H335: May cause respiratory irritation.
 H320: Causes eye irritation.

PRECAUTIONARY STATEMENTS

Prevention:

P101: If medical advice is needed, have product container or label at hand.
 P102: Keep out of reach of children.

P103: Read label before use.

P202: Do not handle until all safety precautions have been read and understood.

P264: Wash hands thoroughly after handling.

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.

SKIN: Prolonged or repeated skin contact may cause irritation.

SKIN ABSORPTION: May be absorbed through the skin in harmful amounts.

INGESTION: May cause burning inside the mouth, accompanied by nausea, vomiting, and diarrhea.

INHALATION: Prolonged inhalation may be harmful.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Branched polyether/polyester resin	Trade secret	
Dimethylbis[(1-oxoneodecyl)oxy]stannane	Trade secret	68928-76-7
Methyltin trineodecanoate	Trade secret	
Neodecanoic acid	Trade secret	26896-20-8

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Thoroughly wash or discard clothing and shoes before reuse.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

NOTES TO PHYSICIAN: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

EXPLOSION HAZARDS: None known. Treat as combustible.

FIRE FIGHTING PROCEDURES: Use alcohol foam, dry chemical, carbon dioxide, or water spray when fighting fires involving this material. Firefighters and others who may be exposed to products of combustion should wear full firefighting turnout gear and self-contained breathing apparatus. Firefighting equipment should be thoroughly decontaminated after use.

FIRE EXPLOSION: None known. Treat as combustible.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Contain spill with dike to prevent entry into sewers.

RELEASE NOTES: Notify authorities if any exposures to the general public or environment occurs or is likely to occur.

SPECIAL PROTECTIVE EQUIPMENT: Remove contaminated clothing and wash before reuse.

COMMENTS: If recovery is not feasible, admix with dry soil, sand or non-reactive absorbent and place in an appropriate chemical waste container. Transfer to containers by suction, preparatory for later disposal. Place in metal containers for recovery or disposal. Flush area with water spray. Clean-up personnel must be equipped

with self-contained breathing apparatus and butyl rubber protective clothing. For large spills, recover spilled material with a vacuum truck.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin, and clothing.

HANDLING: Wash hands before eating and wash before reuse.

STORAGE: Store in a tightly closed container.

COMMENTS: Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Dimethylbis[(1-oxoneodecyl)oxy]stannane	TWA		0.1 mg/m ³		0.1 mg/m ³
	STEL				0.2 mg/m ³

ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

WORK HYGIENIC PRACTICES: Provide readily accessible eyewash stations and safety showers. Wash at the end of each work shift and before eating, smoking, or using the toilet.

OTHER USE PRECAUTIONS: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

COMMENTS: Avoid breathing any (dust, vapor, mist, gas) that may be generated when grinding cured material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)	Freezing Point (°C)	Specific Gravity
Dimethylbis[(1-oxoneodecyl)oxy]stannane	307	-6	1.14

PHYSICAL STATE: Liquid

APPEARANCE: Light colored liquid.

COLOR: Clear

PERCENT VOLATILE: 0

FLASHPOINT AND METHOD: > (200°F)

FLAMMABLE LIMITS: 0 to 0

SOLUBILITY IN WATER: Negligible

SPECIFIC GRAVITY: 1.034

(VOC): = 0 (no VOC's)

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: Stable.

CONDITIONS TO AVOID: Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide and carbon Monoxide may form when heated to decomposition.

INCOMPATIBLE MATERIALS: Strong oxidizers, caustics, or acids.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)
Dimethylbis[(1-oxoneodecyl)oxy]stannane	894 mg/kg (rat)	> 2000 mg/kg

EYE EFFECTS: Irritation eye rabbit, mild

SKIN EFFECTS: Irritation skin rabbit, slight

TARGET ORGANS: In animal studies with repeated oral application of dimethyl tin compounds, toxic effects were observed on the immune system.

GENERAL COMMENTS: Not determined.

12. ECOLOGICAL INFORMATION

BIOACCUMULATION/ACCUMULATION: Methyltin compounds proved to be not readily biodegradable in degradation tests.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Recover, reclaim or recycle when practical. Dispose of in accordance with federal, state and local regulations. Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, state and local waste disposal requirements be be more restrictive or otherwise different from federal laws and regulations.

14. TRANSPORT INFORMATION

COMMENTS: Not regulated by DOT

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Immediate health hazard, delayed health hazard.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: This product and/or all of it's components is/are listed on the TSCA Inventory.

STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Dimethylbis[(1-oxoneodecyl)oxy]stannane	NJ: New Jersey Right-to-Know: The following is required composition information: Chemical Name: Dimethylbis[(1-oxoneodecyl)oxy]stannane CASRN: 68928-76-7
Methyltin trineodecanoate	NJ: New Jersey Right-to-Know: The following is required composition information: Chemical Name: Methyltin trineodecanoate
Neodecanoic acid	NJ: New Jersey Right-to-Know: The following is required composition information: Chemical Name: Neodecanoic acid CASRN: 26896-20-8

16. OTHER INFORMATION

REASON FOR ISSUE: New MSDS format

APPROVED BY: Mike Beckmann **TITLE:** President

Date Revised: 05/07/2015

INFORMATION CONTACT: Mike Beckmann

REVISION SUMMARY: This SDS replaces the 05/07/2015 SDS.

MANUFACTURER DISCLAIMER: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or any process, unless specified in the text.