Material Safety Data Sheet

Sun Devil **MSDS No. 913**

Date of Preparation: May 8, 2012 Revision: 0001

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Sun Devil
General Use: Light stabilizer
Manufacturer: Smooth-On Inc., 2000 St. John St., Easton PA 18042
Phone (610) 252-5800, FAX (610) 252-6200
Emergency Contact: Chem-Tel
Domestic 800-255-3924
International 813-248-0585

Section 2 - Hazards Identification

Hazard Designation:

Europe

Canada

HMIS	
H	2
F	1
R	0

Xi: Irritant N: Dangerous for the environment

Risk phrases pertaining to particular dangers:
R22: Harmful if swallowed
R36: Irritating to eyes.
R38: Irritating to skin
R53: May cause long term adverse effects in the aquatic environment.

Classified according to Articles 6 & 7of Directive 1999/45/EC

Section 3 - Composition / Information on Ingredients

Component	ACGIH TWA	OSHA PEL	Hazard Designation	Weight Percent (%)
3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropannoic acid, C7-C9 branched alkyl esters. CAS Number: 127519-17-9 EINECS Number: 407-000-3	None Established	None Established	Xi N	**30-40**
bis (1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate CAS Number: 41556-26-7 EINECS Number: 406-040-9	None Established	None Established	Xi	**30-40**
Benzenepropanoic acid, 3,5-bis (1,1-dimethyl-ethyl)-4-hydroxy-C7-C9 branched alkyl esters CAS Number: 125643-61-0 EINECS Number: 406-040-9	None Established	None Established	Xi N	**15-25**

Section 3 - Composition / Information on Ingredients (continued)

Methyl (1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate CAS Number: 82919-37-7 EINECS Number: 280-060-4	None Established	None Established	Xi	**10-20**

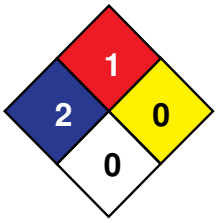
Section 4 - First Aid Measures

Acute Effects Inhalation: Over exposure may cause dizziness, headache and in coordination.
Eye: Eye contact with liquid or vapor may cause irritation, redness, tearing and blurred vision.
Skin: Avoid Skin contact with the liquid. This product is a skin sensitizer.
Ingestion: Repeated or prolonged swallowing of the active ingredient may cause liver and thyroid damage.
Carcinogenicity: This product contains no components listed as carcinogenic by NTP and OSHA 1910(Z).

Section 5 - Fire-Fighting Measures

Flash Point: 243°F (117°C)
Flammability Classification: Combustible Liquid
Extinguishing Media: Dry Chemical, and Carbon Dioxide Foam
Fire-Fighting Instructions: Fire fighters should wear self-contained breathing apparatus. Extinguish with foam or dry chemical. Try to cover liquid spills with foam.

NFPA



Section 6 - Accidental Release Measures

Spill /Leak Procedures: Only properly protected personnel should remain in the spill area; dike and contain spill; absorb or scrape up excess into suitable container for disposal; wash area with dilute ammonia solution. Stop or reduce discharge if it can be done safely.

Section 7 - Handling and Storage

Handling Precautions: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Avoid moisture contamination. Reseal partial containers. Use good general housekeeping procedures.
Storage Requirements: Store in cool dry, well-ventilated area.

Section 8 - Exposure Controls / Personal Protection

Respiratory Protection: Respiratory Protection: Follow OSHA respirator regulations 29 CFR 1910.134 and European Standards EN 141, 143 and 371; wear an MSHA/NIOSH or European Standards EN 141, 143 and 371 approved respirators.

Protective Clothing/Equipment: Wear chemically protective gloves and aprons to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Product Form: Liquid
Appearance and Odor: Ether-like
Vapor Pressure: Not Determined)
Vapor Density (Air=1): >1
Specific Gravity: Not Determined

Water Solubility: Insoluble
Boiling Point: Not Determined
Evaporation Rate: Not Determined
pH : Not Determined

Section 10 - Stability and Reactivity

Stability: This product is stable at room temperature in closed containers under normal storage and handling conditions.
Polymerization: Hazardous polymerization cannot occur.
Hazardous Decomposition Products: Thermal oxidative decomposition can produce oxide of carbon and oxide of nitrogen.

Section 11- Toxicological Information

None established

Section 12 - Ecological Information

None established

Section 13 - Disposal Considerations

Disposal: This material must be disposed of in accordance with local regulations.

Section 14 - Transport Information

DOT	IATA	IMDG
Not Regulated	Not Regulated	Not Regulated

Section 15 - Regulatory Information

TSCA Inventory Status (40 CFR 710): All components of this product are listed on the TSCA inventory.

State Regulations:

California Proposition 65: This product does not intentionally contain any chemicals, which have been identified by the state of California to cause cancer, birth defects or other reproductive harm.

Canadian Regulations:

WHMIS Identification: CLASS D2B: Material causing other toxic effects (TOXIC).

Labeling according to EEC Directive

Risk Phrases	Symbol(s) Required for EU Label	Safety Phrases
R22: Harmful if swallowed **R36**: Irritating to eyes. **R38:** Irritating to skin **R53**: May cause long term adverse effects in the aquatic environment. .	 **Xi: Irritant** **N:** Dangerous for the environment	**S2:** Keep out of reach of children. **S36/37/39:** Wear suitable protective clothing, gloves and eye. **S45:** In case of accident or if you feel ill, seek medical advice immediately. **S53**: Avoid exposure. **S61:** Avoid release to the environment. (See MSDS).

16 - Other Information

Disclaimer: The information contained in this MSDS is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of Mann Release Technologies Inc., it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA)Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directive 1907/2006/EEC (REACH). Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European Union (EU/EEC) directive 1907/2006/EEC and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directives.