

SAFETY DATA SHEET

Dynamic Modifiers
"Thermoplastic additive solutions for the 21st century"

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE/DESCRIPTION: 200-10014a / Silky III for PE

SYNONYMS: Silky III for PE Concentrate

GENERAL USE: Polyethylene Property Modifier

CHEMICAL FAMILY: Polyolefin

MANUFACTURER: Dynamic Modifiers
6105 Boat Rock Boulevard, SW
Atlanta, GA 30336
Tel: 404-349-0900

EMERGENCY TELEPHONE:
CHEMTREC (U.S.): 800-424-9300
CHEMTREC (Int'l): 703-527-3887

2. HAZARDS IDENTIFICATION

GHS Classification

Non-Hazardous Material. Product not classified under GHS

GHS Label Elements

Signal word: Not Applicable

Pictogram

None

Hazard Statements

None

Precautionary Statements

Not Applicable

Hazards Not Otherwise Classified (HHOC), Other Hazards

Non-Hazardous material, all additives are totally encapsulated within the resin and cannot be released in pure form.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	EINECS NUMBER
POLYETHYLENE	9002-88-4	
PROPRIETARY MODIFIER	PROPRIETARY	N/A

4. EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with a steady, gentle stream of water for several minutes.

SKIN CONTACT: Wash skin with soap and water.

INGESTION: Rinse mouth out with water. Do not induce vomiting.

INHALATION: Remove person to fresh air.

GENERAL ADVICE: In case of doubt or when symptoms persist, seek medical attention.

5. FIRE AND EXPLOSION HAZARD

EXTINGUISHING MEDIA: All extinguishing medias can be used; however, use media most appropriate for the nature of the fire.

UNSAFE EXTINGUISHING MEDIA: None

SPECIAL EXPOSURE HAZARDS: None

SPECIAL PROTECTIVE EQUIPMENT: Thermal degradation can yield carbon monoxide and carbon dioxide. Firefighters should use self-contained breathing apparatus.

FLASH POINT (METHOD USED): N/A

AUTOIGNITION TEMP: N/A

FLAMMABLE LIMITS (% VOLUME): LEL: N/A and UEL: N/A

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6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid dust formation. In case of high levels of airborne dust, wear a personal respirator in compliance with national legislation.

CLEAN UP METHODS: Collect mechanically and/or by sweeping avoiding major dust formations.

WASTE DISPOSAL: Landfill or incineration with compliance to local, state and national regulations for non-hazardous solid waste.

7. HANDLING AND STORAGE

PRECAUTIONS DURING HANDLING: Avoid causing dust. Use appropriate ventilation or adequate personal protective equipment. Pellet-handling equipment should be grounded to prevent electrostatic discharge. Keep floor pellet free to reduce slip hazards.

STORAGE: Avoid extreme heat and humidity. Store in dry area. Keep container closed and protect from physical damage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use mechanical ventilation to control exposure.

EYE PROTECTION: Safety glasses with side shields.

SKIN AND BODY PROTECTION: Use suitable protection and clothing, gloves, and footwear, select with respect to potential exposure.

HAND PROTECTION: Impervious gloves.

RESPIRATORY PROTECTION: In case of exposure to high levels of airborne dust, wear a respirator in compliance with national legislation.

HYGIENE MEASURES: Handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Decomposes at >280°C in presence of air

SPECIFIC GRAVITY <1.0 @ 20°C

VAPOR PRESSURE: N.A.

VAPOR DENSITY (AIR=1): N.A.

FREEZING POINT: 165°C

MOLECULAR WEIGHT: N/A

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: White to off-white slight odor.

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Excessive heat (>280°C) and ignition sources.

MATERIALS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete thermal oxidation can produce carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur. CONDITIONS TO AVOID: N/A

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: No information available.

EYE IRRITATION: Non-irritating.

SKIN IRRITATION: Non-irritating.

SENSATION: Does not cause sensation.

CHRONIC TOXICITY: No evidence of mutagenic, reproductive or carcinogenic effects.

12. ECOLOGICAL INFORMATION

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ENVIRONMENTAL PRECAUTIONS: This product does not pose any particular risk to the environment. Refer to applicable national, state and local regulations prior to clean up and to disposal.

13. DISPOSAL INFORMATION

The unused product is not a RCRA hazard waste. Dispose in accordance with local, state and national regulations.

14. TRANSPORT INFORMATION

DOT: Not regulated.

15. REGULATORY INFORMATION

TSCA: listed on 8(b) inventory.

SARA Title III, Section 313: not listed on the Specific Chemical listing.

NPCA / FMIB RATING:

16. OTHER INFORMATION

CURRENT ISSUE DATE: 02/2017

PREVIOUS ISSUE DATE: 01/2014

CHANGES TO THE PREVIOUS ISSUE DATE ARE DUE TO THE FOLLOWING:

Change to SDS format.

ADDITIONAL COMMENTS

If you have any questions regarding the information contained in this SDS, please contact Dynamic Modifiers at (404) 349-0900.

PREPARED BY: Mark Schroyer

REVIEWED BY: Everardo Rojo

SDS Number: 200-10014a/Silky III for PE

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