

# MATERIAL SAFETY DATA SHEET

Polyethylene Masterbatch(LDPE,LLDPE,HDPE)

FILE NO. PE  
MSDS Date: 6/4/14

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: Masterbatch

PRODUCT CODES: MB-30140 Red

MANUFACTURER: J. Meyer & Sons, Inc.

ADDRESS: Jones Ave. & Chestnut St.  
West Point, PA 19486

EMERGENCY PHONE: 215-699-7003

FAX PHONE: 215-699-3115

CHEMICAL NAME: Mixture

PRODUCT USE: Industrial applications

SECTION 1 NOTES: N/A

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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INGREDIENT: There are no known hazardous ingredients in this product.

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## SECTION 3: HAZARDS IDENTIFICATION

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**EMERGENCY OVERVIEW:** This mixture has not been evaluated as a whole. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure.

**ROUTES OF ENTRY:** Inhalation, ingestion, skin contact.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Resin particles, like other inert materials, can be mechanically irritating.

**SKIN:** Experience shows no unusual dermatitis hazard from routine handling.

**INGESTION:** May be harmful if swallowed.

**INHALATION:** Resin particles, like other inert materials, can be mechanically irritating.

**CHRONIC HEALTH HAZARDS:** Refer to Section 11 for Toxicological information.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known.

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## SECTION 4: FIRST AID MEASURES

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**EYES:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, seek medical attention.

**SKIN:** Wash off with plenty of soap and water. If skin irritation persists, seek medical attention.

**INGESTION:** Do not induce vomiting without medical advice. If symptoms persist, or in all cases of doubt, seek medical advice.

**INHALATION:** Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. When symptoms persist, seek medical attention.

SECTION 4 NOTES: N/A

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLAMMABLE LIMITS IN AIR, UPPER:** N/A  
(% BY VOLUME)                      **LOWER:** N/A

**FLASH POINT:** N/A

**AUTOIGNITION TEMPERATURE:** N/A

**EXTINGUISHING MEDIA:** Carbon Dioxide (CO<sub>2</sub>) blanket, water spray, dry powder, foamnone.

**SPECIAL FIRE FIGHTING PROCEDURES:** Full face self-contained breathing apparatus (SBCA) used in positive-pressure mode should be worn to prevent inhalation of airborne contaminants.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Carbon Dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NOX) other hazardous materials and smoke are all possible.

**HAZARDOUS DECOMPOSITION PRODUCTS:** N/A

SECTION 5 NOTES: N/A

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** Should not be released into the environment. The product should not be allowed to enter drains, watercourses or the soil. Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.

SECTION 6 NOTES: N/A

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Take measures to prevent the build-up of electrostatic charge. Heat only in areas with appropriate exhaust ventilation. Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep in a dry, cool place.

**OTHER PRECAUTIONS:** N/A

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SECTION 7 NOTES: N/A

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: Heat only in areas with appropriate exhaust ventilation. Provide appropriate exhaust ventilation at machinery.

RESPIRATORY PROTECTION: No personal respiratory protective equipment normally required.

EYE PROTECTION: Safety glasses with side shields.

SKIN PROTECTION: Long-sleeved clothing.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety shoes.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at end of workday.

EXPOSURE GUIDELINES: N/A

SECTION 8 NOTES: N/A

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE: Colored pellets

ODOR: Slight to none.

PHYSICAL STATE: Pellets

pH AS SUPPLIED: N/A

BOILING POINT: N/A

MELTING POINT: N/A

FREEZING POINT: N/A

VAPOR PRESSURE (mmHg): N/A

VAPOR DENSITY (AIR = 1): N/A

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): .95

EVAPORATION RATE: N/A

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

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SOLUBILITY IN WATER: Insoluble

PERCENT SOLIDS BY WEIGHT: N/A

PERCENT VOLATILE: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

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SECTION 9 NOTES: N/A

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## SECTION 10: STABILITY AND REACTIVITY

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STABLE

UNSTABLE

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): Keep away from oxidizing agents and open flame. To avoid thermal decomposition, do not overheat.

INCOMPATIBILITY (MATERIAL TO AVOID): Incompatible with strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>X</sub>), other hazardous materials and smoke are all possible.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 10 NOTES: N/A

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: This mixture has not been evaluated as a whole for health effects.

SECTION 11 NOTES: N/A

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: Not readily biodegradable. Chemicals are not readily available as they are bound within the polymer matrix.

SECTION 12 NOTES: N/A

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## SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: Like most thermoplastics, this product can be recycled. Where possible, recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waster classification, transportation and disposal in accordance with applicable federal, state and local regulations.

RCRA HAZARD CLASS: Not a hazard.

SECTION 13 NOTES: N/A

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## SECTION 14: TRANSPORT INFORMATION

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U.S. DEPARTMENT OF TRANSPORTATION

HAZARD CLASS: Not regulated for transportation.

WATER TRANSPORTATION

HAZARD CLASS: Not regulated for transportation.

AIR TRANSPORTATION

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HAZARD CLASS: Not regulated for transportation.

SECTION 14 NOTES: N/A

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All chemical components are listed in the TSCA inventory.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: N/A

STATE REGULATIONS: N/A

INTERNATIONAL REGULATIONS: N/A

SECTION 15 NOTES: N/A

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## SECTION 16: OTHER INFORMATION

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**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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material when used in combination with any other materials and/or in any particular process or processing conditions.

**MATERIAL SAFETY DATA SHEET**

Teknor Apex  
 Manufacturer  
300 Industrial Park Road  
St. Albans, VT 05478  
 Address  
(802) 524-7704  
 Phone # (For Information)  
(802) 524-7680  
 Emergency /Fax

Telcar TPE  
 Identity Trade Name As Used On Label  
Telcar 2390A  
 MSDS Number  
Mixture  
 CAS Number  
February 12, 2009  
 Date Prepared  
Greg Anderson  
 Prepared By

**Note:** Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION**

Components-Chemical Name & Common Names (Hazardous components 1% or greater: Carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	Limits Recommended
Proprietary Mixture of Hydrogenated Ethylene Butadiene Elastomers, Mineral Oil Polyolefins, Colorants and Stabilizers.	100			
Non Hazardous Components 1% or greater.				
Non Hazardous Ingredients		N/A	N/A	N/A
Total	100	N/A	N/A	N/A

**SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: <u>N/A</u>	Specific Gravity (H <sub>2</sub> O = 1): <u>1.23</u>
Vapor Pressure (mmHg and Temperature): <u>N/A</u>	Melting Point <u>N/A</u>
Vapor Density (Air = 1): <u>N/A</u>	Evaporation Rate (Butyl Acetate = 1): <u>N/A</u>
Solubility in Water: <u>N/A</u>	Water Reactive: <u>N/A</u>
Appearance and Odor:	<u>Natural and Colored Pellets.</u>



**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

Respiratory Protection: In emergency or high dust situations , air purifying  
(Specify Type) respirator with mechanical/vapor cartridge.

Protective Gloves: For Hot Processing.	Eye Protection: Safety goggles for hot processing.
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Ventilation to be used as required to control dust.	Local Exhaust Only if dust is a problem.	Mechanical (general) to control dust.	Special None	Other (specify) N/A
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Other Protective

Clothing and Equipment: None

Hygienic Work

Practices: Use good personal hygiene.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES**

Steps to be taken if material  
is spilled or released: Remove by mechanical means.

Waste Disposal

Methods: Reclaim or dispose of at a licensed waste disposal  
company.

Precautions to be taken  
in handling and storage: Store in a cool, dry, ventilated area.

Other precautions and/or special hazards:  
None

NFPA

Rating Health Flammability Reactivity Special None.

HMIS

HMIS  
Rating Health Flammability Reactivity Special Not WHMIS  
Option Controlled.