



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: STAN-MIX SBR BMB 1605

Manufactured for and supplied by: Telephone No: (330) 798-9300
Harwick Standard Distribution Corporation Date Prepared: January 31, 2014
60 South Seiberling Street Preparer: Health, Safety & Environment
P.O. Box 9360
Akron, OH 44305-0360 Product Use: Industrial Applications

SECTION 2 – HAZARD(S) IDENTIFICATION

Emergency Overview: This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. 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 must take the necessary precautions to protect employees from exposure.

Primary Routes of Entry:

Skin Contact Eye Contact Inhalation Ingestion

Acute Exposure:

Eye Contact: Particulates, like other inert materials can be mechanically irritating.
Skin Contact: Experience shown no unusual dermatitis hazard from routine handling.
Inhalation: Particulates, like other inert materials can be mechanically irritating.
Ingestion: May be harmful if swallowed.

Chronic Exposure: Refer to Section 11 for Toxicological Information

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Components CAS Number Weight %

| Components | CAS Number | Weight % |
|---------------------------|------------|----------|
| Rosin | 8050-09-7 | 1 - 5 |
| Tall Oil, Fatty acids | 61790-12-3 | 1 - 5 |
| Carbon Black | 1333-86-4 | 30 - 60 |
| Styrene-Butadiene Polymer | 9003-55-8 | 40 - 70 |

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SECTION 4 – FIRST AID MEASURES

Eye Contact: In case of contact, flush eyes with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, seek medical attention.

Skin Contact: Wash affected skin with soap and water. If skin irritation persists, seek medical attention.

Inhalation: If fumes/vapors are inhaled, move person to fresh air. Aid breathing if necessary. If symptoms persist or in cases of doubt, seek medical advice.

Ingestion: If swallowed, seek medical advice. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person. If symptoms persist or in cases of doubt, seek medical advice.

SECTION 5 – FIRE FIGHTING MEASURES

Flash point (Method): Not Applicable

Flammable Limits:

Lower Explosion Limit (LEL): Not Applicable

Upper Explosion Limit (UEL): Not Applicable

Autoignition Temperature: Not Applicable

Suitable Extinguishing Method: Water spray, dry powder, foam, carbon dioxide (CO₂)

Special Fire Fighting Procedure: Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.

Unusual Fire/Explosion Hazards: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials and smoke are all possible.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak & Spill Procedure: Wear appropriate personal protective equipment during cleanup. Clean up promptly by sweeping or vacuum. Package all material in plastic, cardboard or metal containers for disposal. This product should not be released to the environment. Do not allow to enter drains, watercourses or the soil.

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SECTION 7 - HANDLING AND STORAGE

Handling: Take measures to prevent the build up of electrostatic charge. Heat only in areas with appropriate exhaust ventilation.

Storage: Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep in a dry, cool place.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: No personal respiratory equipment normally required when handling the product itself. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure.

Eye/Face Protection: Safety glasses with side-shields.

Hand Protection: Protective gloves.

Skin/Body Protection: Long-sleeved clothing.

Additional Protective Measures: Safety shoes

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

Engineering Measures: Heat only in areas with appropriate exhaust ventilation. Adequate ventilation and/or appropriate respiratory protection may also be necessary to minimize exposure to processing vapors.

Exposure Limits:

| Component | Value | Exposure Time | Exposure Type | List |
|--------------|-----------------------|----------------------------------|--------------------|----------|
| Carbon Black | 3.5 mg/m ³ | Recommended exposure limit (REL) | | NIOSH |
| | 0.1 mg/m ³ | Recommended exposure limit (REL) | | NIOSH |
| | 3.5 mg/m ³ | PEL | | OSHA Z1 |
| | 3.5 mg/m ³ | Time Weighted Average (TWA) | | OSHA Z1A |
| | 3.5 mg/m ³ | Time Weighted Average (TWA) | | MX OEL |
| | 7 mg/m ³ | Short Term Exposure Limit (STEL) | | MX OEL |
| | 3 mg/m ³ | Time Weighted Average (TWA) | Inhalable fraction | ACGIH |

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Material Safety Data Sheet
(in compliance with 29 CFR 1910.1200)

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SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

| | | | |
|-------------------------|------------------------|-------------------|----------------------------|
| Boiling Point: | Not Applicable | Specific Gravity: | Not Determined |
| Freezing Point: | Not Determined | Melting Point: | Not Determined |
| Vapor Pressure (mm Hg): | Not Applicable | pH: | Not Applicable |
| Vapor Density (AIR=1): | Not Applicable | Physical State: | Solid |
| Solubility in Water: | Insoluble | Color: | Black |
| Appearance: | Pellets, Slabs, Sheets | Odor: | Characteristic Rubber Odor |

SECTION 10 - STABILITY & REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Keep away from oxidizing agents and open flame. To avoid thermal decomposition, do not overheat.

Materials to Avoid/Incompatible: Strong acids and oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (No_x), other hazardous materials and smoke are all possible.

SECTION 11 - TOXICOLOGICAL INFORMATION

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components that comprise the mixture.

Toxicity Overview:

This product contains the following components, which in their pure form, have the following characteristics:

| CAS No | Chemical Name | Effect | Target Organ |
|-----------|---------------|--------------------|--------------------------|
| 8050-09-7 | Rosin | Sensitizer | Skin |
| 1333-86-4 | Carbon Black | Systematic Effects | Eyes, Respiratory system |

LC50 / LD 50

This product contains the following components, which in their pure form, have the following toxicity data:

| CAS No | Chemical Name | Route | Value | Species |
|-----------|---------------|-------------|-------------|---------|
| 1333-86-4 | Carbon Black | Oral LD50 | 8,000 mg/kg | Rat |
| | | Dermal LD50 | >3 gm/kg | Rabbit |

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Carcinogenicity:

This product contains the following components, which in their pure form, have the following carcinogenicity data:

| CAS No | Chemical Name | OSHA | IARC | NTP |
|-----------|---------------|------|------|-----|
| 1333-86-4 | Carbon Black | No | 2B | No |

Additional Health Hazard Information:

Carbon black 1333-86-4 Carcinogenicity: Many inhalation toxicologists believe that the tumor response observed in the referenced rat studies is species specific and does not correlate to human exposure. However, the IARC evaluation in Monograph Volume 65, issued in April 1996 concluded that, "There is sufficient evidence in experimental animals for the carcinogenicity of carbon black". Based on this evaluation, along with their evaluation of inadequate evidence of carcinogenicity in humans, IARC's overall evaluation is that "Carbon Black is possibly carcinogenic to humans (Group 2B). The IARC 2B listing only pertains to airborne, unbound carbon black particles of respirable size. Carbon Black has not been listed as a carcinogen by the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA). The National Institute of Occupational Safety and Health (NIOSH) criteria document on carbon black recommends that only carbon black with PAH (polynuclear aromatic hydrocarbon) levels greater than 0.1% be considered suspect carcinogens.

SECTION 12 - ECOLOGICAL INFORMATION

Persistence and Degradability: Not readily biodegradable

Environmental Toxicity: Chemicals are not readily available as they are bound within the polymer matrix.

Bioaccumulation Potential: Chemicals are not readily available as they are bound within the polymer matrix.

SECTION 13 - DISPOSAL CONSIDERATIONS

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

SECTION 14 - TRANSPORTATION INFORMATION

Special shipping information: Not DOT regulated.

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SECTION 15 - REGULATORY INFORMATION

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

OSHA Status: Classified as hazardous based on components.

SARA Title III Section 302 Extremely Hazardous Substance: None

SARA Title III Section 313 Toxic Chemicals: None

CA Proposition 65: WARNING! This product contains a chemical known to the State of California to cause cancer.

SECTION 16 - OTHER INFORMATION

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