



Safety Data Sheet

Product Name: BS5421 Bar Compound

Revision Date: August, 22nd 2019

Issue Date: April 24, 2015

1. Product and Company Identification

Product Name: BS5421

Product Description: Bar Compound

Company Address:

Osborn
3440 Symmes Road
Hamilton, OH 45015

Contact Information:

Telephone: 513-860-3400
Emergency Telephone: 513-860-3400
Internet: www.osborn.com

2. Hazards Identification

Signal Word: Warning

Primary Entry Routes: Skin contact, eye contact

Target Organs: Skin, eyes

Acute Effects

Inhalation: Irritation possible from prolonged contact

Eye: Irritation possible from prolonged contact

Skin: Irritation possible from prolonged contact

Ingestion:

Carcinogenicity: The raw materials in this product are not listed by NTP, IARC or regulated as a carcinogen by OSHA

Medical Conditions Aggravated by Long-Term Exposure: N/A

Chronic Effects: N/A

3. Composition - Information on Ingredients

Ingredient Name	CAS Number
Alumina Oxide	1344-28-1
Fatty Acid	67701-03-5
Paraffin Wax	8002-74-2
Hydrocarbon Wax	64742-60-5

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Aluminum Oxide	10 mg/m ³	N/E	10 mg/m ³	N/E	N/E	N/E	N/E
Fatty Acid	10 mg/m ³	N/E	N/E	N/E	N/E	N/E	N/E
Paraffin Wax	100 ppm	N/E	100 ppm	N/E	N/E	N/E	N/E
Hydrocarbon Wax	N/E	N/E	N/E	N/E	N/E	N/E	N/E



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4. First Aid Measures

Emergency and First Aid Procedures

Inhalation: Cough to clear throat. Seek Medical Attention

Eye Contact: Rinse with water for 15 minutes. Seek medical attention.

Skin Contact: Rinse with water.

Ingestion: Give water. Seek Medical attention.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Note to Physicians: None

Special Precautions/Procedures: It is recommended that safety glasses and dust mask be worn during operation

5. Fire Fighting Measures

Flash Point: N/A

Flash Point Method: N/A

Burning Rate: N/A

Autoignition Temperature: N/A

LEL: N/A

UEL: N/A

Flammability Classification: N/A

Extinguishing Media: Water, carbon dioxide, and foam

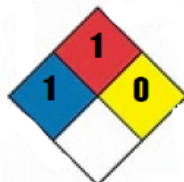
Unusual Fire or Explosion Hazards: N/A

Hazardous Combustion Products: N/A

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

Hazard Classification: Health: **1** Flammability: **1** Reactivity: **0**



0 = Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

6. Accidental Release Measures

Environmental Precautions: No special precautions required, disposal must be made in accordance with Federal, State and Local regulations.

Clean-up Methods: Vacuum or sweep spilled material and place waste material in approved container.



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7. Handling and Storage

Handling: Protective gloves are recommended for prolonged handling.

Storage: Store in a cool, dry area.

Incompatible Products: Glycerol, Oxygen DiFlouride and strong oxidizers.

8. Exposure Controls/ Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or nonroutine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. *Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets 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). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

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.

9. Physical and Chemical Properties



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Physical State: Solid
Appearance and Odor: White
Odor Threshold: Slight Fatty Odor
Vapor Pressure: Unknown
Vapor Density (Air=1): N/A
Formula Weight: None Established
Density: N/A
Specific Gravity (H₂O=1, at 4 °C): G.T. 1.35
pH: N/A

Water Solubility: Saponifiable, but not water soluble as supplied
Other Solubilities: N/A
Boiling Point: N/A
Melting Point: Binders – Greater than 130°F, (54°C)
Refractive Index: N/A
Surface Tension: N/A
% Volatile: N/A
Evaporation Rate: N/A

10. Stability and Reactivity

Stability: All Osborn products are stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: N/A

Conditions to Avoid: N/A

Hazardous Decomposition Products: N/A

11. Toxicological Information

Carcinogenicity: This product is not carcinogenic according to the OSHA Hazard Communication Standard.

Acute Toxicity: On the skin can cause mild irritation.
On the eye can cause mild irritation.
Ingestion - can cause mild irritation.

12. Ecological Information

Ecological Toxicity: Not Determined

Environmental Fate: Not Determined

13. Disposal Considerations

Recommended Method of Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

EPA Hazardous Waste Number: Not listed (40 CFR 261.33): N/A

14. Transport Information

Handling Precautions: N/A

Storage Requirements: No special requirements



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DOT Transportation Data (49 CFR 172.101):

Shipping Name: N/A
Shipping Symbols: N/A
Hazard Class: N/A
ID No.: N/A
Packing Group: N/A
Label: N/A
Special Provisions
(172.102): N/A

Packaging Authorizations
a) Exceptions: N/A
b) Non-bulk Packaging:
N/A
c) Bulk Packaging: N/A

Quantity Limitations
a) Passenger, Aircraft, or Railcar:
N/A
b) Cargo Aircraft Only: N/A

Vessel Stowage Requirements
a) Vessel Stowage: N/A
b) Other: N/A

15. Regulatory Information

U.S. Federal Regulations:

TSCA Status: All Components of this product are listed on the TSCA Inventory

CERCLA Reportable Quantity: Unknown

SARA Title III:

Section 302 Extremely Hazardous Substances: None.

Section 311/312 Hazard Categories: Immediate (Acute), Chronic

California Proposition 65:

⚠️ WARNING: This product can expose you to Titanium Dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

16. Other Information

Prepared By: Osborn

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