

MSDS Material Safety Data Sheet

Wilsonart International



Wilsonart Commercial Cushion

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MSDS Number: 18243

Revision Date: 10/1/2004

1 PRODUCT AND COMPANY IDENTIFICATION

Common Name Wilsonart Commercial Cushion

MANUFACTURER WILSONART INTERNATIONAL, INC.
P.O. BOX 6110 - 2400 WILSON PLACE
TEMPLE, TX 76503
INFORMATION PHONE: 800-433-3222 (USA)

Trade Name Wilsonart Floor Padding

MATERIAL USES Floor Padding

Revision # 1

IN CASE OF EMERGENCY CONTACT

CHEMTREC: 800-424-9300 (USA)
703-527-3887 (INTERNATIONAL)

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	% by weight
Polyethylene	9002-88-4	30 - 40
Ethylene Copolymer	24937-78-8	10 - 20
Barium Sulfate	7727-43-7	20 - 40
Calcium Carbonate	1317-65-3	5 - 15
Propane or Isobutane	74-98-6 or 75-28-5	0 - 2
Glycerol Stearate	Proprietary	0 - 2
Carbon Black	1333-86-4	0 - 1
Tri-n-butyltin Maleate	4027-18-3	0 - 1

3 HAZARDS IDENTIFICATION

Route of Entry: None for product as sold. For dust generated during installation operations: eye contact, skin contact, and inhalation.

Target Organs: None.

Inhalation: Dust generated from installation operations may cause irritation to the respiratory tract.

Skin Contact: Dust generated from installation operations may cause irritation of the skin.

Eye Contact: Dust generated from installation operations may cause irritation of the eyes.

Ingestion: Not an expected route of entry with normal use of product.

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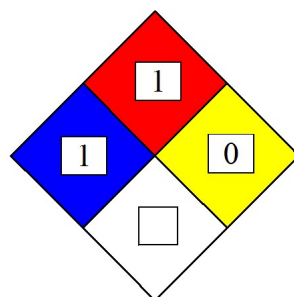
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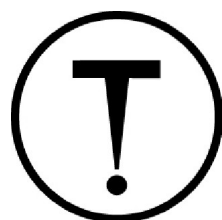
HMIS (United States):

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PPE	B

NFPA (United States):



WHMIS (Canada): D2



4 FIRST AID MEASURES

- Inhalation:** No hazard for product as sold. Installation operations may produce dust that may be irritating or harmful if inhaled. If irritation persists, seek medical attention.
- Skin Contact:** Installation operations may produce dust that may be irritating. Wash with soap and water. If irritation persists, seek medical attention.
- Eye Contact:** No hazards for product as sold. Installation operations may produce dust that may be irritating. Rinse eyes with water for 15 minutes. If irritation persists, seek medical attention.
- Ingestion:** Not an expected route of entry with normal use of product.

5 FIRE FIGHTING MEASURES

- Flash Point:** -120 °F (for hydrocarbon gas, only trace amounts are present).
- Flash Point Method:** Not Applicable.
- Autoignition Temperature:** Not Applicable.
- LEL:** 1.8% (hydrocarbon gas).
- UEL:** 8.5% (hydrocarbon gas).

Use extinguishing media appropriate for surrounding fire.
Wear fire protection equipment appropriate for the surrounding fire.
Hazardous decomposition products include ethylene and carbon oxides (CO and CO₂).
Product as sold does not present an explosion hazard.

6 ACCIDENTAL RELEASE MEASURES

Small spill or leak - Not applicable.

Large spill or leak - Not applicable.

7 HANDLING AND STORAGE

- Handling Precautions:** No specific usage precautions required. Follow normal good hygiene practices. Ensure adequate ventilation. Product contains trace amounts hydrocarbon gas that may be released during fabrication.
- Storage Requirements:** Provide adequate ventilation. Product contains trace amounts of hydrocarbon gas that may be released during transportation and/or storage. For truck transportation, use a ventilated truck if truck is over half full with this product. Maximum storage temperature is 160 °F. Do not store near ignition sources. Avoid exposure to UV light.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** No special ventilation requirements for product as sold. Provide adequate ventilation to meet exposure guideline if installation operations generate dust.
- Protective Equipment:** When ventilation is not adequate, wear an approved/certified respirator with an appropriate particulate dust filter. Wear safety glasses with side shields during installation operations.

Exposure Guidelines/Other:

<u>Product Name</u>	<u>Exposure Limits</u>
Polyethylene	None
Ethylene Copolymer	None
Barium Sulfate	ACGIH (TWA): 10 mg/m ³
Calcium Carbonate	ACGIH (TWA): 10 mg/m ³ OSHA: 5 mg/m ³ (resp), 15 mg/m ³ (total)
Propane/Isobutane	OSHA (TWA): 1000 ppm ACGIH (TWA): 1000 ppm
Glycerol Stearate	ACGIH (TWA): 10 mg/m ³
Carbon Black	ACGIH (TWA): 3.5 mg/m ³ OSHA (TWA): 3.5 mg/m ³
Tri-n-butyltin Maleate	None

Consult local authorities and local regulations for exposure limits.

9 PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|------------------------|-----------------------------------|------------------------------|-----------------|
| Appearance: | Blue or Black solid plastic film. | Boiling Point: | Not Applicable. |
| Physical State: | Solid. | Freezing/Melting Pt.: | 230 °F |
| Odor: | None. | Solubility: | Insoluble. |
| pH: | Not Applicable. | Spec Grav./Density: | Not Available. |
| Vapor Pressure: | Not Available. | | |
| Vapor Density: | Not Available. | | |
| VOC: | Not Applicable. | | |

10 STABILITY AND REACTIVITY

- Stability:** This product is stable when used as intended.

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Conditions to avoid: High temperatures and UV light exposure.

Materials to avoid (incompatibility): Strong oxidizers.

Hazardous Decomposition products: Ethylene and carbon oxides (CO and CO₂).

Hazardous Polymerization: Will not polymerize.

11 TOXICOLOGICAL INFORMATION

Toxicity to Animals - This product has not been tested for animal effects. This product is not expected to be toxic to animals.

Toxicity to Humans - This product has not been tested for human effects. This product is not expected to be toxic to humans.

Carcinogenicity - Product does contain carbon black, which is classified as an IARC Class 2B, but not listed under NTP or OSHA.

12 ECOLOGICAL INFORMATION

Ecotoxicity - Not available. Not expected to be ecotoxic.

BOD5 and COD - Not available.

Mobility - Not available.

Toxicity of the Products of Biodegradation - Not available.

13 DISPOSAL CONSIDERATIONS

Product is not hazardous waste under RCRA, 40 CFR 261. May dispose of in landfill or by incineration. Dispose of according to Federal, State, and local regulations.

14 TRANSPORT INFORMATION

Not a DOT controlled material (United States).

Not expected to be a marine pollutant.

Not controlled under ADR (Europe).

Not controlled under IMDG.

Not controlled under IATA.

15 REGULATORY INFORMATION

U.S. Federal Regulations

TSCA inventory: The chemicals in this product are listed.

SARA 302/304/311/312 extremely hazardous substances: None.

SARA 302/304 emergency planning and notification: None.

SARA 302/304/311/312 hazardous chemicals: None.

SARA 311/312 MSDS distribution, chemical inventory, hazard identification: None.

SARA 313 toxic chemical notification and release reporting: None.

CWA 307: None.

CWA 311: None.

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CAA 112 accidental release prevention: Propane/isobutane.
CAA 112 regulated flammable substances: Propane/isobutane.
CAA 112 regulated toxic substances: Propane/isobutane.

International Regulations

EINECS - None.
DSL - The chemicals in this product are listed.
WHIMS (Canada) - D2.

State Regulations

Pennsylvania RTK: Hydrocarbon gas.
Minnesota RTK: None
Massachusetts RTK: None
New Jersey RTK: Hydrocarbon gas.

California Prop. 65: None.

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OTHER INFORMATION

References

Lewis, R. J., Rapid Guide to Hazardous Chemicals in the Workplace, 4th ed., Wiley-Interscience, New York, 2000.
NIOSH Pocket Guide to Chemical Hazards, Department of Health and Human Services, National Institute for Occupational Safety and Health, 2004.
TLVs and BEIs, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Agents, ACGI Worldwide, Cincinnati, 2003.

Glossary

ACGIH - American Conference of Governmental Industrial Hygienists
ASTM - American Society for Testing and Materials
ADR - Agreement on Dangerous Goods by Road (Europe)
BOD5 - Biological Oxygen Demand in 5 days
CAA - Clean Air Act
CAS - Chemical Abstracts Services
CEPA - Canadian Environmental Protection Act
CERCLA - Comprehensive Environmental Response, Compensations and Liability Act
CFR - Code of Federal Regulations
CWA - Clean Water Act
DOT - Department of Transportation
DSCL - Dangerous Substances Classification and Labeling (Europe)
DSL - Domestic Substance List (Canada)
EEC/EU - European Economic Community/European Union
EINECS - European Inventory of Existing Commercial Chemical Substances
HCS - Hazard Communication System
HMIS - Hazardous Material Information System
IARC - International Agency for Research on Cancer
LD50/LC50 - Lethal Dose/Concentration kill 50%
LDLo/LCLo - Lowest Published Lethal Dose/Concentration
NFPA - National Fire Prevention Association
NIOSH - National Institute for Occupational Safety & Health

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NTP - National Toxicology Program
OSHA - Occupational Safety & Health Administration
PEL - Permissible Exposure Limit
RCRA - Resource Conservation and Recovery Act
SARA - Superfund Amendments and Reorganization Act
STEL - Short Term Exposure Limit (15 minutes)
TDG - Transportation of Dangerous Goods (Canada)
TLV-TWA - Threshold Limit Value-Time Weighted Average
TSCA - Toxic Substances Control Act
WHMIS - Workplace Hazardous Material Information System

CHEMTREC:
800-424-9300 (USA)
703-527-3887 (International)

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named manufacturer nor any of its subsidiaries assumes any liability whatsoever for accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

END OF MSDS DOCUMENT