



Personal Protective Equipment Protective Gloves Safety Glasses	WHMIS Pictograms <div style="border: 1px solid black; padding: 5px; text-align: center; font-weight: bold; font-size: 1.2em;">Not Controlled</div>	DOT Pictograms <div style="border: 1px solid black; padding: 5px; text-align: center; font-weight: bold; font-size: 1.2em;">Not Regulated</div>
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SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: Raft-R-Mate®, AtticMate®
MSDS Manufacturer Number: 24899-NAM
Manufacturer Name: Owens Corning Insulating Systems, LLC
Address: One Owens Corning Parkway
 Toledo, OH 43659
Customer Service Phone Number: 1-800-GET-PINK or 1-800-438-7465
Health Issues Information: 1-419-248-8234 (8am-5pm ET)
Technical Product Information: 1-800-GET-PINK or 1-800-438-7465
Emergency Phone Number: 1-419-248-5330 (after 5pm ET and weekends)
CHEMTREC: 800-424-9300 (24 hours everyday)
Canotec: (613) 996-6666 (Canada 24 hours everyday)
Website: www.owenscorning.com
MSDS Creation Date: February 09, 2001
MSDS Revision Date: August 12, 2010
MSDS Format: According to ANSI Z400.1-2004



HMS	
Health Hazard	0
Fire Hazard	1
Reactivity	0
Personal Protection	X

* Chronic Health Effects

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent
Polystyrene	9003-53-6	80 - 100 by weight
Butane	106-97-8	4 - 7 by weight
Non-Hazardous Statement:	The remaining components of this product are non-hazardous or are in a small enough quantity as to not meet regulatory thresholds for disclosure. These components contain no substances or impurities which would influence the classification of this product.	

SECTION 3 - HAZARDS IDENTIFICATION

Applies to Product

Emergency Overview: Dense Black Smoke will be produced during a fire. Grinding, sawing or fabrication activities can produce dust particles which under certain conditions may ignite or form explosive dust atmospheres.

Route of Exposure: Eye contact
 Inhalation

Potential Health Effects:

Eye: Dust may cause slight irritation.

Skin: No effects expected.

Inhalation: Dust may cause irritation of respiratory tract.

Ingestion: Ingestion of this product is unlikely.

Chronic Health Effects: There is no known chronic health effect connected with long-term use or contact with this product.

Carcinogenicity:	This material is not considered a carcinogen.
Potential Environmental Effects:	There is no known ecological information for this material.
Aggravation of Pre-Existing Conditions:	Chronic respiratory or skin conditions may temporarily worsen from exposure to this product.
OSHA Regulatory Status:	This product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 4 - FIRST AID MEASURES

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Do not rub or scratch eyes. If eye irritation persists, consult a specialist.
Skin Contact:	Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
Inhalation:	Move to fresh air. If symptoms persist, call a physician.
Ingestion:	Accidental ingestion of this material is unlikely. If this does occur, watch person for several days to make sure intestinal blockage does not occur. Rinse mouth with water and drink water to remove fibers from the throat. If symptoms persist, call a physician.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable Properties:	Non Flammable.
Flash Point:	Not applicable.
Flash Point Method:	Not applicable.
Auto Ignition Temperature:	Not applicable.
Lower Flammable/Explosive Limit:	Not applicable.
Upper Flammable/Explosive Limit:	Not applicable.
Extinguishing Media:	dry chemical foam carbon dioxide (CO2) water fog
Unsuitable Media:	None.
Protective Equipment:	Wear self-contained breathing apparatus (SCBA) and full fire fighting protective gear.
Unusual Fire Hazards:	Grinding, sawing or fabrication activities can produce dust particles which under certain conditions may ignite or form explosive dust atmospheres.
Hazardous Combustion Byproducts:	Carbon monoxide. Carbon dioxide. styrene. Small quantities of hydrogen fluoride, hydrogen chloride, fluorine and chlorine could be released. Other undetermined compounds could be released in small quantities.
Universal Fire And Explosion Hazards:	Not available.
<u>NFPA Ratings:</u>	
NFPA Health:	0
NFPA Flammability:	1
NFPA Reactivity:	0
NFPA Other:	

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personnel Precautions:	Avoid contact with skin and eyes.
Methods for containment:	This material will settle out of the air. Prevent from spreading by covering, diking or other means.
Methods for cleanup:	Use an industrial vacuum cleaner with a high efficiency filter to clean up dust and fiber contamination. Avoid dry sweeping. Pick up and transfer to properly labeled containers.

After cleaning, flush away traces with water.

Other Precautions: Does not apply.

SECTION 7 - HANDLING and STORAGE

Handling: Avoid dust formation.
Do not breathe dust.
Wear personal protective equipment.

Storage: Keep product in its packaging until use to minimize potential dust generation.
Product should be kept dry and undercover.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls: Provide local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits.
Dust collection system must be used in transferring operations, cutting or machining or other dust generating processes, such as using power tools.
Vacuum or wet clean-up methods should be used.
Grinding, cutting, sawing or fabrication activities that cut large numbers of interior foam cells can release localized amounts of flammable residual blowing agent or release dust particles that under certain conditions may ignite or form explosive dust atmospheres.

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

Skin Protection Description: Protective gloves.
Long sleeved shirt and long pants.

Respiratory Protection: When workers are facing airborne particulate/dust concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations: Wash hands before breaks and immediately after handling the product.
Remove and wash contaminated clothing before re-use.

EXPOSURE GUIDELINES

Ingredient	Guideline OSHA	Guideline NIOSH	Guideline ACGIH	Ontario Canada	Mexico
Polystyrene	5 mg/m ³ , Respirable, 10 mg/m ³ , Total Particulates Not Otherwise Classified (PNOC)		3 mg/m ³ , respirable, 10 mg/m ³ , inhalable particles (NOS)	3 mg/m ³ , respirable, 10 mg/m ³ , inhalable Particulates (Insoluble) Not Otherwise Classified	
Butane		REL-TWA: 800 ppm	TLV-TWA: 1000 ppm	TWAEV-TWA: 1000 ppm	VEMP-TWA: 800 ppm

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance: Closed cell foam board.

Color: Pink

Odor: Slight plastic.

Boiling Point: No Data

Melting Point: 240 °-270 °F (115 °-137 °C)

Specific Gravity: 0.027-0.064 (Ref: water = 1).

Solubility: Negligible solubility in water.

Vapor Density: No Data

Vapor Pressure: No Data

Evaporation Rate: No Data

pH: No Data

Flash Point: Not applicable.

Flash Point Method: Not applicable.

Auto Ignition Temperature: Not applicable.

SECTION 10 - STABILITY and REACTIVITY

Chemical Stability: Stable under normal conditions.

Hazardous Polymerization: Hazardous polymerization does not occur.

Conditions to Avoid: Dust dispersion in air.

Incompatible Materials: Hydrocarbons
esters
Amines

Special Decomposition Products: See Section 5 of MSDS for hazardous decomposition products during a fire.

SECTION 11 - TOXICOLOGICAL INFORMATION

Applies to Product :

Acute Toxicity: Dusts may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. High exposures may cause difficulty breathing, congestion, and chest tightness.

Carcinogens:

	ACGIH	NIOSH	OSHA	IARC	NTP	MEXICO
Polystyrene	No Data	No Data	No Data	Group 3 - Not Classifiable as to its Carcinogenicity to Humans.	No Data	No Data
Butane	No Data	No Data	No Data	No Data	No Data	No Data

Applies to Product :

Sensitization: No information available.

Mutagenicity: No information available.

Reproductive Toxicity: No information available.

Teratogenicity: No information available.

Neurological Effects: No information available.

Butane :

Inhalation: Ingestion - Rat LC50: 658000 mg/m3/4H - [Details of toxic effects not reported other than lethal dose value.] (RTECS)

SECTION 12 - ECOLOGICAL INFORMATION

Applies to Product :

Ecotoxicity: This material is not expected to cause harm to animals, plants or fish.

Bioaccumulation: Not available.

Biodegradation: Not available.

Mobility In Environmental Media: Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Applies to Product :

Waste Disposal: Dispose of in accordance with Local, State, Federal and Provincial regulations.

Contaminated Packaging: Empty containers should be taken for local recycling, recovery or waste disposal.

RCRA Number: No EPA Waste Numbers are applicable for this product's components.

RCRA Characteristics: This material is not expected to be a characteristic hazardous waste under RCRA.

SECTION 14 - TRANSPORT INFORMATION

DOT Shipping Name: Not Regulated.

IATA Shipping Name: Not Regulated.

Canadian Shipping Name: Not Regulated.

IMDG Shipping Name : Not Regulated.

ADR Shipping Name : Not Regulated.

RID Shipping Name : Not Regulated.

ICAO Shipping Name: Not Regulated.

MEX Shipping Name : Not Regulated.

SECTION 15 - REGULATORY INFORMATION

Inventory Status

	Japan ENCS	ELINCS	EINECS Number	South Korea KECL	Australia AICS
Polystyrene	(6)-120	500-008-9	500-008-9	KE-13257	Listed
Butane			203-448-7	KE-03751	Listed

	Canada DSL	TSCA Inventory Status
Polystyrene	Listed	Listed
Butane	Listed	Listed

Applies to Product :

Canada Reg. Status:	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.
Canada WHMIS:	Not controlled.
CA PROP 65:	The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This product does not contain any Proposition 65 chemicals.
SARA:	None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).
Section 311/312 Hazard Categories:	Acute Health Hazard: No Chronic Health Hazard: No Risk of ignition: No Sudden Release of Pressure Hazard: No Reactive Hazard: No
Clean Air Act:	This product does not contain any Hazardous Air Pollutants (HAPs).

Canada IDL:	Identified under the Canadian Hazardous Products Act Ingredient Disclosure List: 1%. Item: 223(350)
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State Right To Know

	RI	MN	IL	PA	MA
Polystyrene	No Data	No Data	No Data	No Data	No Data
Butane	Listed	Listed	No Data	Listed	Listed

	NJ
Polystyrene	No Data
Butane	Listed

SECTION 16 - ADDITIONAL INFORMATION

HMIS Health Hazard:	0
HMIS Fire Hazard:	1
HMIS Reactivity:	0
HMIS Personal Protection:	X
MSDS Creation Date:	February 09, 2001
MSDS Revision Date:	August 12, 2010
MSDS Revision Notes:	Product Name Update
MSDS Author:	KK
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