

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Article

Product Name: Crosslinked Polyolefin Foam

Synonyms:

1.2. Intended Use of the Product

Use of the substance/mixture: Automotive Industry; Flooring; Gasketing/Sealing; Tape

1.3. Name, Address, and Telephone of the Responsible Party

Company

NUE TILE LLC

1879 Whitehaven Rd

Grand Island, NY 14072

suite 144

1.4. Emergency Telephone Number

Emergency Number 1.800.686.9158

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS)

Not classified, this material is considered an article under 29 CFR 1910.1200 and JIS Z 7252:2009.

2.2. Label Elements

GHS-US Labeling

No labeling applicable, this material is considered an article under 29 CFR 1910.1200

2.3. Other Hazards

When heated to decomposition, may emit irritating fumes. Risk of thermal burns on contact with molten product. Material may develop static charge under normal handling and processing conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

This material is considered an article under 29 CFR 1910.1200 and JIS Z 7252:2009.

Name	Product Identifier	%	Classification (GHS-US)	Notes
PP+PE-X-E or PP+PE+synthetic rubber-X-E or PP+PE+EVOH+PVOH-X-E or PP+PE+synthetic rubber+EVOH+PVOH-X-E	Not Applicable	81-97	Not classified	
Organic Decompositions of Azodicarbonamide		< 11	Not classified	
Calcium Carbonate	(CAS No) 1317-65-3	0-5.4	Not classified	[1][2]
Colorants ^a	Proprietary*	0-5	Not classified	
Azodicarbonamide	(CAS No) 123-77-3	< 2	Resp. Sens. 1; H334	[1]
Talc	(CAS No) 14807-96-6	0-1.6	Not classified	[1][2]
Carbon Black ^b	(CAS No) 1333-86-4	0-1.2	Not classified	[1][2]

Full text of H-phrases: see section 16

Crosslinked Polyolefin Foam

Safety Data Sheet – SDS # DIV-001

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

[1] Substance classified with a health or environmental hazard; [2] Substance with a workplace exposure limit

* In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

^a Colorant(s) is/are present except in standard, black, charcoal and gray foams.

^b Carbon black is present in black, charcoal and gray foams.

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General: Product is not expected to present hazards in the supplied form. If the consumer changes the form of the product through grinding, chipping, pulverizing, burning or other methods, these first aid measures may be applicable on an as needed basis. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Not expected to present a significant dermal hazard under anticipated conditions of normal use. Obtain medical attention if irritation develops or persists. If contact with molten material occurs removal of solidified molten material from skin requires medical assistance.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

First-aid Measures After Ingestion: Rinse mouth. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: Not expected to present a significant hazard under anticipated conditions of normal use. If the consumer changes the form of the product through grinding, chipping, pulverizing, burning or other methods, these symptoms may be developed.

Symptoms/Injuries After Inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/Injuries After Skin Contact: Risk of thermal burns on contact with molten product.

Symptoms/Injuries After Eye Contact: Decomposition products may cause eye irritation.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Recommended extinguishing media: dry chemical, CO₂, water.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Keep personnel removed and upwind of fire.

Other Information: When heated to decomposition, may emit toxic fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe vapors from molten product. Material may develop static charge under normal handling and processing conditions. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using bathroom.

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE) identified in Section 8.

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Crosslinked Polyolefin Foam

Safety Data Sheet – SDS # DIV-001

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Emergency Procedures: For a release of finely ground material or if decomposition products and/or dust are generated, ventilate area.

6.2. Environmental Precautions Prevent entry to sewers and public waters.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Prevent material from entering any waterway, sewer or drain.

Methods for Cleaning Up: Choose recovery method best suited for product form. For example, recover the product by vacuuming and/or sweeping fine particles, sweeping and or/shoveling course pieces, or lifting large pieces and sheet by hand. Clear up spills immediately to prevent additional spreading and dispose of waste safely. Follow applicable federal, state and local regulations.

6.4. Reference to Other Sections

See Section 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: When heated to decomposition, may emit irritating fumes. Do not breathe vapors from molten product. Risk of thermal burns on contact with molten product. Material may develop static charge under normal handling and processing conditions. Use methods to minimize dust.

Precautions for Safe Handling: Obtain special instructions before use, if applicable. Do not handle until all safety precautions have been read and understood. Avoid breathing fumes from decomposition.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Avoid flames, sparks and other sources of ignition.

Incompatible Products: Strong acids. Strong bases. Strong oxidizers.

7.3. Specific End Use(s) Automotive Industry; Flooring; Gasketing/Sealing; Tape

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Data

For substances listed in Section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: OSHA (PEL), ACGIH (TLV) or NIOSH (REL).

CAS No.	Ingredient	Source	Value
14807-96-6	Talc	OSHA	TWA: 20 mppcf
		ACGIH	TWA: 2 mg/m ³ (E) (resp)
		NIOSH	TWA: 2 mg/m ³ (resp)
		Supplier	No Established Limit
1333-86-4	Carbon Black	OSHA	TWA: 3.5 mg/m ³
		ACGIH	TWA: 3 mg/m ³ ; 2B, Revised 2011
		NIOSH	TWA: 3.5 mg/m ³ carcinogen; TWA: 0.1 mg PAH/m ³ (in presence of polycyclic aromatic hydrocarbons [PAHs])
		Supplier	No Established Limit
1317-65-3	Calcium Carbonate	OSHA	TWA: 15 mg/m ³ (total); TWA: 5 mg/m ³ (resp)
		ACGIH	TWA: 10 mg/m ³ (total); Ceiling: 20 mg/m ³
		NIOSH	TWA: 10 mg/m ³ (total); TWA: 5 mg/m ³ (resp)
		Supplier	No Established Limit


8.2. Exposure Controls

This product in its supplied form as an article does not create any hazards. The following exposure controls are recommendations, not requirements when handling this product. If the consumer changes the form of the product through grinding, chipping, pulverizing, burning or some other methods, these exposure controls may be considered mandatory.

Crosslinked Polyolefin Foam

Safety Data Sheet – SDS # DIV-001

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Appropriate Engineering Controls:	Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
Personal Protective Equipment:	Protective clothing. Eye protection. Gloves.
	
Materials for Protective Clothing:	Thermally protective materials and fabrics when melting or burning material.
Hand Protection:	Wear cut resistant gloves when cutting material; wear thermally insulated/heat resistant gloves when melting material.
Eye Protection:	Safety goggles or safety glasses.
Respiratory Protection:	Not normally required. Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.
Thermal Hazard Protection:	Wear suitable protective clothing.
Other Information:	When handling, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Foam Sheet
Molecular Formula	: $(C_3H_6)_m(C_2H_4)_n$
Odor	: No data available
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: 100°C to 170°C (212°F to 338°F)
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20 °C	: No data available
Relative Density	: No data available
Specific Gravity	: 0.025 – 0.15 (approximate)
Solubility	: Water: Insoluble
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

9.2. Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see Section 7).
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Flames, sparks and sources of ignition. Incompatible materials.
- 10.5. Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.
- 10.6. Hazardous Decomposition Products:** Carbon oxides (CO, CO₂). Acrid smoke and irritating fumes.

Crosslinked Polyolefin Foam

Safety Data Sheet – SDS # DIV-001

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity: Not classified

CAS No.	Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Not Applicable	PP+PE-X-E or PP+PE+synthetic rubber-X-E or PP+PE+EVOH+PVOH-X-E or PP+PE+synthetic rubber+EVOH+PVOH-X-E	No data available	No data available	No data available	No data available	No data available
	Organic Decompositions of Azodicarbonamide	No data available	No data available	No data available	No data available	No data available
1317-65-3	Calcium Carbonate	No data available	No data available	No data available	No data available	No data available
Proprietary	Colorants	No data available	No data available	No data available	No data available	No data available
123-77-3	Azodicarbonamide	No data available	No data available	No data available	No data available	No data available
14807-96-6	Talc	No data available	No data available	No data available	No data available	No data available
1333-86-4	Carbon Black	8,000, Rat Category: NA	No data available	No data available	No data available	No data available

SECTION 11: TOXICOLOGICAL INFORMATION (CONT.)

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Azodicarbonamide - Category 1; May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified.

CAS No.	Ingredient	Source							
		OSHA	NTP		IARC				
		Select Carcinogen	Known Carcinogen	Suspected Carcinogen	Group 1	Group 2A	Group 2B	Group 3	Group 4
Not Applicable	PP+PE-X-E or PP+PE+synthetic rubber-X-E or PP+PE+EVOH+PVOH-X-E or PP+PE+synthetic rubber+EVOH+PVOH-X-E	No	No	No	No	No	No	No	No
	Organic Decompositions of Azodicarbonamide	No	No	No	No	No	No	No	No
1317-65-3	Calcium Carbonate	No	No	No	No	No	No	No	No
Proprietary	Colorants	No	No	No	No	No	No	No	No
123-77-3	Azodicarbonamide	No	No	No	No	No	No	No	No
14807-96-6	Talc	No	No	No	No	No	Yes	No	No
1333-86-4	Carbon Black	No	No	No	No	No	Yes	No	No

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/Injuries After Skin Contact: Risk of thermal burns on contact with molten product.

Symptoms/Injuries After Eye Contact: Decomposition products may cause eye irritation.

Crosslinked Polyolefin Foam

Safety Data Sheet – SDS # DIV-001

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity Not classified

Aquatic Ecotoxicity

CAS No.	Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Not Applicable	PP+PE-X-E or PP+PE+synthetic rubber-X-E or PP+PE+EVOH+PVOH-X-E or PP+PE+synthetic rubber+EVOH+PVOH-X-E	Not available	Not available	Not available
	Organic Decompositions of Azodicarbonamide	Not available	Not available	Not available
1317-65-3	Calcium Carbonate	Not available	Not available	Not available
Proprietary	Colorants	Not available	Not available	Not available
123-77-3	Azodicarbonamide	Not available	Not available	Not available
14807-96-6	Talc	Not available	Not available	Not available
1333-86-4	Carbon Black	1,000, Danio rerio	5,600, Daphnia magna	10,000 (72 hr), Scenedesmus subspicatus

12.2. Persistence and Degradability

Crosslinked Polyolefin Foam	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

Crosslinked Polyolefin Foam	
Bioaccumulative Potential	Not established.

SECTION 12: ECOLOGICAL INFORMATION (CONT.)

12.4. Mobility in Soil No additional information available

12.5. Results of PBT and vPvB Assessment This product contains no PBT/vPvB chemicals.

12.6. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

	DOT (Domestic Surface Transportation)	IMO/IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN Number	Not Applicable	Not Regulated	Not Regulated
14.2. UN Proper Shipping Name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport Hazard Classes	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing Group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental Hazards		IMDG Marine Pollutant: No	
14.6. Special Precautions for Users	No further information		

SECTION 15: REGULATORY INFORMATION

The regulatory data in this Section is not intended to be all-inclusive – only selected regulations are represented.

15.1 US Federal Regulations

Toxic Substances Control Act (TSCA)

All components of this material are either listed or exempt from listing on the TSCA inventory

Crosslinked Polyolefin Foam

Safety Data Sheet – SDS # DIV-001

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

WHMIS Classification	D2A	
US EPA Tier II Hazards	Immediate (Acute):	No
	Delayed (Chronic):	No
	Fire:	No
	Reactive:	No
	Sudden Release of Pressure	No

EPCRA Sections 311/312 Chemicals and Reportable Quantities:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA Section 302 Extremely Hazardous Substances:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA Section 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 – Carcinogens (>0.0%):

Carbon Black; Talc

15.2 US State Regulations

New Jersey Right to Know Substances (>1%):

Calcium Carbonate; Carbon Black; Talc

Pennsylvania Right to Know Substances (>1%):

Calcium Carbonate; Carbon Black; Talc

15.3 Other

REACH Regulation:

This product contains residue which is specified as a Substance of Very High Concern (SVHC) over 0.1 weight percent:

Azodicarbonamide – CAS No.: 123-77-3; Chemical Formula: $C_2H_4N_4O_2$. When this product is exported to countries within the European Union, all applicable laws and regulations must be followed.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date	: 11/13/2018
Other Information	: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. This material is considered an article under 29 CFR 1910.1200. It is not expected to present hazards in the form supplied. If the consumer changes the form of the product through grinding, chipping, pulverizing, burning or some other methods, hazards may be created. The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

GHS Full Text Phrases:

H334	May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.
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Crosslinked Polyolefin Foam

Safety Data Sheet – SDS # DIV-001

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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