

NEXUS CUSHION / FC MODULAR ADHESIVE

Safety Data Sheet dated: 09/24/205 - version 5 | Date of first edition: 04/05/2021

1. IDENTIFICATION

Product identifier used on the label

Mixture identification:

Trade name: Nexus Cushion/FC Modular Adhesive

Trade code: 9019417.EF3

Recommended use of the chemical and restrictions on use

Recommended use: Adhesive

Restrictions on use: Not available

Name, U.S. address, and U.S. telephone number of the chemical manufacturer, importer, or other responsible party

Company: Engineered Floors, LLC

3368 Old Dixie Highway

30721 - Dalton - GA - USA

Phone: 1-800-241-4586

Responsible: Not available

Emergency 24 hour numbers:

1-800-241-4586

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

The product is not classified as hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Label elements

The product is not classified as hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazards associated with foreseeable chemical reactions

None

Ingredient(s) with unknown acute toxicity:

None

Hazards not otherwise classified identified during the classification process:

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not Relevant

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

List of components

Concentration Name (% w/w)

1-2.5 % silica sand; quartz

Ident. Numb.

CAS:14808-60-7

Classification

EC:238-878-4

Registration Number

STOT RE 1, H372; Carc. 1A, H350

NEXUS CUSHION / FC MODULAR ADHESIVE

Safety Data Sheet dated: 09/24/205 - version 5 | Date of first edition: 04/05/2021

4. FIRST AID MEASURES

Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

Not available

Indication of any immediate medical attention and special treatment needed

Treatment: Not available

(see paragraph 4.1)

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO2).

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: Not available

Explosive properties: Not relevant

Oxidizing properties: Not relevant

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Limit leakages with earth or sand.

Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Retain contaminated washing water and dispose it.

NEXUS CUSHION / FC MODULAR ADHESIVE

Safety Data Sheet dated: 09/24/205 - version 5 | Date of first edition: 04/05/2021

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Storage temperature: Store above freezing

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

Storage temperature: Not available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

No data available

Appropriate engineering controls: Not available

Individual protection measures

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Suitable materials for safety gloves; 29 CFR 1910.138 - ANSI/ISEA 105:

Polychloroprene - CR: thickness >=0,5mm; breakthrough time >=480min.

Nitrile rubber - NBR: thickness >=0,35mm; breakthrough time >=480min.

Butyl rubber - IIR: thickness >=0,5mm; breakthrough time >=480min.

Fluorinated rubber - FKM: thickness >=0,4mm; breakthrough time >=480min.

Use impervious gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.

NEXUS CUSHION / FC MODULAR ADHESIVE

Safety Data Sheet dated: 09/24/205 - version 5 | Date of first edition: 04/05/2021

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Liquid

Appearance and colour: paste white/beige

Odour: Like: latex like

Odour threshold: Not Relevant

pH: 8.55

Melting point / freezing point: 0 °C (32 °F)

Initial boiling point and boiling range: 100 °C (212 °F)

Flammability: Not Relevant

Flash point: Not Relevant

Auto-ignition temperature: Not Relevant

Decomposition temperature: Not Relevant

pH: 9.45

pH (water dispersion, 10%): 9.45

Viscosity: 45,000.00 mPA-s

Kinematic viscosity: > 20,5 mm²/sec (40 °C)

Solubility in water: dispersible

Solubility in oil: dispersible

Partition coefficient (n-octanol/water): Not Relevant

Vapour pressure: Not Relevant

Evaporation rate: Not Relevant

Relative density: 1.04 g/cm³

Vapour density: Not Relevant

Particle characteristics:

Particle size: No data available

Other information

Explosive properties: Not Relevant

Oxidizing properties: Not Relevant

Solid/gas flammability: Not Relevant

Substance Groups relevant properties: Not Relevant

Miscibility: Not Relevant

Fat Solubility: Not Relevant

Conductivity: Not Relevant

10. STABILITY AND REACTIVITY

Reactivity Stable under normal conditions

Chemical stability Data not available.

Possibility of hazardous reactions None.

Conditions to avoid Stable under normal conditions.

Incompatible materials None in particular.

Hazardous decomposition products None.

NEXUS CUSHION / FC MODULAR ADHESIVE

Safety Data Sheet dated: 09/24/205 - version 5 | Date of first edition: 04/05/2021

11. TOXICOLOGICAL INFORMATION**Information on toxicological effects****Toxicological information of the product:**

a) acute toxicity Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation Not classified

Based on available data, the classification criteria are not met

c) serious eye damage/irritation Not classified

Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation Not classified

Based on available data, the classification criteria are not met

e) germ cell mutagenicity Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity Not classified

Based on available data, the classification criteria are not met

h) STOT-single exposure Not classified

Based on available data, the classification criteria are not met

i) STOT-repeated exposure Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard Not classified

Based on available data, the classification criteria are not met

Substance(s) listed on the IARC Monographs:

None

Substance(s) listed as OSHA Carcinogen(s):

None

Substance(s) listed as NIOSH Carcinogen(s):

None

Substance(s) listed on the NTP report on Carcinogens:

None

NEXUS CUSHION / FC MODULAR ADHESIVE

Safety Data Sheet dated: 09/24/205 - version 5 | Date of first edition: 04/05/2021

12. ECOLOGICAL INFORMATION

Toxicity

Adopt good working practices, so that the product is not released into the environment.

List of Eco-Toxicological properties of the product

Not classified for environmental hazards

Based on available data, the classification criteria are not met

Persistence &degradability

Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

Other adverse effects

Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

Methods of disposal:

Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers.

Clean waste packaging should be recycled when possible and authorized by the authority.

Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions.

For further information, contact your local waste authority.

Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Empty containers or liners may retain some product residues. Do not reuse empty containers.

NEXUS CUSHION / FC MODULAR ADHESIVE

Safety Data Sheet dated: 09/24/205 - version 5 | Date of first edition: 04/05/2021

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

UN number

DOT-UN Number: Not Applicable

ADR-UN number: Not Applicable

IATA-Un number: Not Applicable

IMDG-Un number: Not Applicable

UN proper shipping name

DOT-Proper Shipping Name: Not Applicable

ADR-Shipping Name: Not Applicable

IATA-Technical name: Not Applicable

IMDG-Technical name: Not Applicable

Transport hazard class(es)

DOT-Hazard Class: Not Applicable

ADR-Class: Not Applicable

IATA-Class: Not Applicable

IMDG-Class: Not Applicable

Packing group

DOT-Packing group: Not Applicable

ADR-Packing Group: Not Applicable

IATA-Packing group: Not Applicable

IMDG-Packing group: Not Applicable

Environmental hazards

Marine pollutant: No

Environmental Pollutant: Not Applicable

DOT-RQ: Yes DOT-RQ - Quantity: 1000 lbs

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

Special precautions**Department of Transportation (DOT):**

Not Applicable

Road and Rail (ADR-RID) :

Not Applicable

Air (IATA) :

Not Applicable

Sea (IMDG) :

Not Applicable

NEXUS CUSHION / FC MODULAR ADHESIVE

Safety Data Sheet dated: 09/24/205 - version 5 | Date of first edition: 04/05/2021

15. REGULATORY INFORMATION**USA - Federal regulations**

This Safety Data Sheet has been prepared according to the Hazard Communication Standard 2024 (HCS 2024)

TSCA - Toxic Substances Control Act**TSCA listed substances:**

No substances listed

SARA - Superfund Amendments and Reauthorization Act**Section 302 - Extremely Hazardous Substances:**

No substances listed

Section 304 - Hazardous substances:

No substances listed

Section 313 - Toxic chemical list:

No substances listed

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act**Substance(s) listed under CERCLA:**

No substances listed

CAA - Clean Air Act**CAA listed substances:**

No substances listed

CWA - Clean Water Act**CWA listed substances:**

No substances listed

USA - State specific regulations**California Proposition 65****Substance(s) listed under California Proposition 65:**

No substances listed

Massachusetts Right to know**Substance(s) listed under Massachusetts Right to know:**

No substances listed

Pennsylvania Right to know**Substance(s) listed under Pennsylvania Right to know:**

No substances listed

New Jersey Right to know**Substance(s) listed under New Jersey Right to know:**

No substances listed

Canada - Federal regulations**DSL - Domestic Substances List****NDSL - Non Domestic Substances List****NPRI - National Pollutant Release Inventory****NPRI (National Pollutant Release Inventory) - List of substances listed.****No substances listed**

COMMERCIAL PREMIUM SEALER

Safety Data Sheet dated: 04/26/2022 - version 5 | Date of first edition: 12/19/2017

16. OTHER INFORMATION

Safety Data Sheet dated: 4/26/2022 - version 5

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws. This document was prepared by a competent person who has received appropriate training. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This SDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

CLP: Classification, Labeling, Packaging.

EINECS: European Inventory of Existing Commercial Chemical Substances.

INCI: International Nomenclature of Cosmetic Ingredients.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

Legend to abbreviations and acronyms used in the safety data sheet: (cont)

GefStoffVO: Ordinance on Hazardous Substances, Germany.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

DNEL: Derived No Effect Level.

PNEC: Predicted No Effect Concentration.

TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

WGK: German Water Hazard Class.

KSt: Explosion coefficient.

COMMERCIAL PREMIUM SEALER

Safety Data Sheet dated: 04/26/2022 - version 5 | Date of first edition: 12/19/2017

Paragraphs modified from the previous revision:

- 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
- 2. HAZARDS IDENTIFICATION
- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 11. TOXICOLOGICAL INFORMATION
- 14. TRANSPORT INFORMATION
- 16. OTHER INFORMATION