



According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : G-Bond Grey Filling Powder ; G-Bond Black Filling Powder

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Only to be used in combination with GBond adhesive

1.3. Supplier

National Adhesive Inc
8280 Willow Oaks Corporate Drive, Suite 600
Fairfax, VA, 22031, USA
Tel: +1 (855) 674-4583
Email: glueangel@nationaladhesive.com

1.4. Emergency telephone number

Emergency number : INFOTRAC (North America): 1-800-535-5053

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified.

2.2. GHS Label elements, including precautionary statements

GHS US labelling

No labelling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable





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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Rinse mouth out with water. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3. Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Do not use water jet.

5.2. Specific hazards arising from the chemical

Fire hazard	: Products of combustion may include, and are not limited to: oxides of carbon.
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5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Vacuum or sweep material and place in a disposal container. Minimise generation of dust. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. When using do not eat, drink or smoke. Handle and open container with care. Avoid generation of dust. Good housekeeping is important to prevent accumulation of dust.

Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep in original containers. store in labelled containers. Keep away from (strong) acids. Store tightly closed in a dry, cool and well-ventilated place.

Storage temperature : < 25 °C (and humidity less than 65%)





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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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WEL Recommended Limits	10mg/m3 (total dust) (8hr TWA) 4mg/m3 (respirable dust) (8hr TWA)
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8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
 Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear suitable gloves

Eye protection:

Safety glasses or goggles are recommended when using product.

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other information:
 Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Crystalline powder
Colour	: Grey, Black
Odour	: Odourless
Odour threshold	: Not applicable
pH	: 8.4 (saturated solution, study result, EU Method A.6)
Melting point	: decomposes above 50 C (information from peer reviewed handbook)
Freezing point	: No data available



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Boiling point	: Not applicable (decomposes on heating)
Flash point	: Not applicable (inorganic substance)
Relative evaporation rate (butylacetate=1)	: Not applicable
Flammability (solid, gas)	: Not flammable (study result, EU Method A.10)
Vapour pressure	: Not applicable (inorganic substance, vapour pressure negligible)
Relative vapour density at 20 °C	: No data available
Relative density	: 2.21 – 2.23 20 C (study result, EU Method A.3)
Solubility	: Water: 93.4 g/l @20 C (study result, EU Method A.6)
Partition coefficient n-octanol/water	: Not applicable (inorganic substance)
Auto-ignition temperature	: No data available
Decomposition temperature	: Starts to decompose above 50oc
Viscosity, kinematic	: Not applicable (solid)
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: Not explosive (no chemical groups associated with explosive properties)
Oxidising properties	: Not oxidizing (based on the chemical structure of the substance and oxidation states of the constituent elements)

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use. Decomposes slowly on exposure to water (moisture). Reacts with acids, evolving carbon dioxide.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat. (Heating above 50oc – thermal decomposition commences.) Incompatible materials. Moisture.

10.5. Incompatible materials

Acids.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.





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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified.
 Acute toxicity (dermal) : Not classified.
 Acute toxicity (inhalation) : Not classified.

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LD50 oral rat	> 4000 mg/kg
LC50 inhalation rat	4.74 mg/l (low toxic potential)

Skin corrosion/irritation : Not classified.
 pH: 8.4 (saturated solution, study result, EU Method A.6)

Serious eye damage/irritation : Not classified.
 pH: 8.4 (saturated solution, study result, EU Method A.6)

Respiratory or skin sensitisation : Not classified.
 Germ cell mutagenicity : Not classified.
 Carcinogenicity : Not classified.
 Reproductive toxicity : Not classified.
 STOT-single exposure : Not classified.
 STOT-repeated exposure : Not classified.
 Aspiration hazard : Not classified.
 Viscosity, kinematic : (solid)

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
 Symptoms/effects after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
 Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
 Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
 Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

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Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

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Partition coefficient n-octanol/water	Not applicable (inorganic substance)
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. The generation of waste should be avoided or minimized wherever possible.

Additional information : Recycle empty containers where allowed.

SECTION 14: Transport information

In accordance with DOT

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable

14.3. Transport hazard class(es)

DOT
Transport hazard class(es) (DOT) : Not applicable

14.4. Packing group

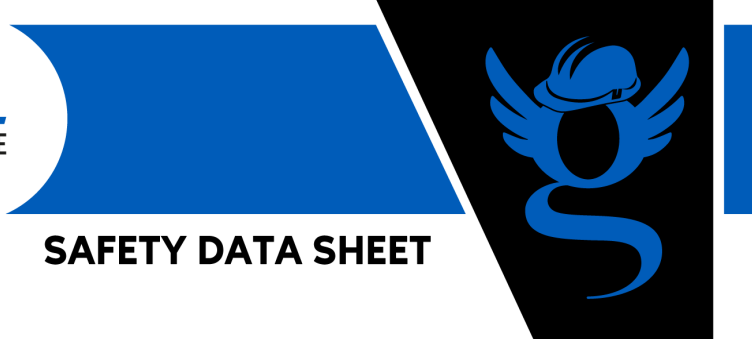
Packing group (DOT) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.



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14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

15.2. International regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

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www.Nexreg.com



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