

SPRAYWALL COMPONENT B

1 PRODUCT AND COMPANY IDENTIFICATION

Supplier Details: Sprayroq Inc.
248 Cahaba Valley Parkway
Pelham, AL 35124

Emergency: CHEMTREC 800.424.9300 (24 HOURS)
Phone: (205)957-0020 www.sprayroq.com

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):

- Health, Serious Eye Damage/Eye Irritation, 1
- Health, Specific target organ toxicity - Repeated exposure, 1
- Environmental, Hazards to the aquatic environment - Chronic, 3
- Health, Skin corrosion/irritation, 2
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Acute toxicity, 4 Dermal
- Health, Acute toxicity, 4 Inhalation
- Health, Acute toxicity, 5 Oral

GHS Label elements, including precautionary statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

- H318 - Causes serious eye damage
- H372 - Causes damage to organs through prolonged or repeated exposure
- H412 - Harmful to aquatic life with long lasting effects
- H315 - Causes skin irritation
- H336 - May cause drowsiness or dizziness
- H312 - Harmful in contact with skin
- H332 - Harmful if inhaled
- H303 - May be harmful if swallowed

GHS Precautionary Statements:

- P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
- P264 - Wash skin thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P314 - Get Medical advice/attention if you feel unwell.
- P501 - Dispose of contents/container to a licensed waste disposal company.

Hazards not otherwise classified (HNOC) or not covered by GHS

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Route of Entry: Eyes; Ingestion; Inhalation; Skin;
Target Organs: Eyes; Skin; Respiratory system;
Inhalation: Not expected to be a route of exposure under normal conditions. Heating, spraying, foaming, or otherwise mechanically dispersing (drumming, venting or pumping) operations of this blend may generate more vapor or aerosol concentrations of its components. May cause sneezing and slight irritation of nose, throat and lungs.
Skin Contact: Prolonged or repeated exposure can cause skin irritation or dermatitis in some individuals.
Eye Contact: May cause watering of the eye and irritation of the conjunctiva.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

| Cas# | % | Chemical Name |
|-----------|--------|---|
| 1318-02-1 | 1-5% | Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite, synthetic zeolites) |
| 0 | 75-90% | Proprietary polyol blend |
| 0 | 15-50% | Proprietary Filler Blend |

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Wash with large quantities of soap and water. Wash clothing before reuse. Seek medical attention if redness, burning or an itching sensation develops or persists after the area is washed.
Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Use fingers to assure that the eyelids are separated and that the eye is being irrigated. Consult a physician if discomfort persists.
Ingestion: Induce vomiting. Never give anything by mouth to an unconscious person. Bring to the attention of a physician.

5 FIRE FIGHTING MEASURES

Flammability: NONE
Flash Point: 332°F
Flash Point Method: PMCC Pensky-Martens Closed Cup (ASTM D-93)
Autoignition Temp: NDA

Use dry chemical, alcohol type foam, foam or carbon dioxide. Use cold water spray to cool fire-exposed containers to minimize risk of rupture. Do not direct a solid stream of water or foam into the hot burning liquid as this could cause frothing and increase fire intensity. If possible, contain fire run-off water. Positive-pressure self-contained breathing apparatus with full face-piece and full protective clothing should be worn by fire-fighters. Combustion may produce carbon dioxide, carbon monoxide, nitrogen oxides and other toxic fumes.

6 ACCIDENTAL RELEASE MEASURES

Spill: Remove all sources of flames, heating elements, gas engines, etc. Emergency clean-up personnel should wear chemical goggles, rubber or plastic gloves and clothing as required to protect against contact. Prevent spreading and contamination of surface waters and drinking supplies. Notify local health officials and other appropriate agencies if such contamination should occur.

Clean up: With adequate ventilation and appropriate personal protective equipment, cover the area with an inert absorbent material such as clay or vermiculite and transfer to steel waste containers. Ventilate area to remove the remaining vapors.

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HANDLING AND STORAGE

- Handling Precautions:** Handling: Avoid skin and eye contact. Use personal protective equipment when transferring material to or from drums, totes or other containers. If contamination with isocyanates is suspected, do not reseal containers. Do not smoke or use naked lights, open flames, space heaters, or other ignition sources near pouring, frothing or spraying operations
Special Emphasis for Spray Applications of Mixed Products Containing Isocyanates: Inspect the application area for the potential to expose other persons or for overspray to drift onto buildings, vehicles or other property. When spraying building exteriors, persons entering or exiting the building as well as those inside could be exposed to polyisocyanates due to wind conditions, open windows or air intakes. Do not begin application work until these potential problems have been corrected.
- Storage Requirements:** Storage: When stored between 15 and 30°C (60 and 85°F) in a dry area in tightly sealed containers away from any source of heat or ignition, typical shelf life is 6 months or more from the date of manufacture. Consult technical data sheet for shelf life requirements affecting performance quality. Opened containers must be handled properly to prevent moisture pickup. If contamination is suspected, do not reseal containers.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). General mechanical room ventilation is satisfactory for normal handling and storage. Emergency eyewash and safety showers should be available in the immediate vicinity of potential exposure.
- Uses requiring heating and/or spraying may require more aggressive engineering controls or PPE.
- Personal Protective Equipment:** HMIS PP, D | Face Shield and Eye Protection, Gloves, Apron
- Personal protective equipment
- Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
- Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
- Body Protection: impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- Respiratory protection: Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- Control of environmental exposure: Do not let product enter drains.

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Components with workplace control parameters

TWA 100 ppm USA. ACGIH Threshold Limit Values (TLV)
Central Nervous System impairment Upper Respiratory Tract irritation Eye irritation Adopted values or notations enclosed are those for which changes are proposed in the NIC See Notice of Intended Changes (NIC) Substances for which there is a Biological Exposure Index or Indices (see BEI section) Confirmed animal carcinogen with unknown relevance to humans

STEL 125 ppm USA. ACGIH Threshold Limit Values (TLV)
Central Nervous System impairment Upper Respiratory Tract irritation Eye irritation Adopted values or notations enclosed are those for which changes are proposed in the NIC See Notice of Intended Changes (NIC) Substances for which there is a Biological Exposure Index or Indices (see BEI section) Confirmed animal carcinogen with unknown relevance to humans

TWA 100 ppm USA. NIOSH Recommended Exposure Limits
435 mg/m3

ST 125 ppm USA. NIOSH Recommended Exposure Limits
545 mg/m3

TWA 100 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1
435 mg/m3 Limits for Air Contaminants
The value in mg/m3 is approximate.

TWA 100 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
435 mg/m3 1910.1000

STEL 125 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
545 mg/m3 1910.1000

Xylene (mixed isomers) (1330-20-7) [.1-.4%]

Components with workplace control parameters

TWA 100 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1
435 mg/m3 Limits for Air Contaminants

TWA 100 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
435 mg/m3 1910.1000

STEL 150 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
655 mg/m3 1910.1000

TWA 100 ppm USA. ACGIH Threshold Limit Values (TLV)
434 mg/m3

Not classifiable as a human carcinogen

STEL 150 ppm USA. ACGIH Threshold Limit Values (TLV)
651 mg/m3

Not classifiable as a human carcinogen

TWA 100 ppm USA. ACGIH Threshold Limit Values (TLV)
Eye & Upper Respiratory Tract irritation Central Nervous System impairment Substances for which there is a Biological Exposure Index or Indices (see BEI section) Not classifiable as a human carcinogen

STEL 150 ppm USA. ACGIH Threshold Limit Values (TLV)
Eye & Upper Respiratory Tract irritation Central Nervous System impairment Substances for which there is a Biological Exposure Index or Indices (see BEI section) Not classifiable as a human carcinogen

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655 mg/m3 1910.1000

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Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite, synthetic zeolites) (1318-02-1) [1-5%] : no data available

Silica, amorphous (7631-86-9) [0-.1%]

Components with workplace control parameters

TWA 6 mg/m3 USA. NIOSH Recommended Exposure Limits

TWA 20 Million particles per million particles per million of particles per cubic foot of air, based on impinger samples counted by light-field techniques.
mppcf X 35.3 = million particles per cubic meter = particles per c.c

TWA 80mg/m3 / %SiO2 USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts

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PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------------------------|-----------------------|-----------------------|-----------------------|
| Appearance: | Non-pigmented liquid. | Odor: | Mild |
| Physical State: | Liquid | Solubility: | Not soluble in water. |
| Odor Threshold: | No data available | Freezing/Melting Pt.: | 32°F |
| Spec Grav./Density: | N/A | Flash Point: | 332°F |
| Viscosity: | No data available | Vapor Density: | >1 |
| Boiling Point: | not determined | Auto-Ignition Temp: | NDA |
| Flammability: | None | UFL/LFL: | No data available |
| Partition Coefficient: | No data available | | |
| Vapor Pressure: | No data available | | |
| pH: | No data available | | |
| Evap. Rate: | <1 | | |
| Decomp Temp: | No data available | | |

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STABILITY AND REACTIVITY

Chemical Stability: This is a stable material. Avoid high temperatures, sparks, flame and extended exposure over 110°F (45°C).

Conditions to Avoid: High temperatures, sparks, flame and extended exposure over 110°F (45°C).

Materials to Avoid: no additional data available

Hazardous Decomposition: Heating in air to temperatures above 212°F may result in the formation of aldehydes. Incomplete combustion may produce carbon monoxide and other toxic gases.

Hazardous Polymerization: Will not occur.

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TOXICOLOGICAL INFORMATION

Ethylbenzene (100-41-4) [0-.1%]

Information on toxicological effects

Acute toxicity:
Oral LD50 no data available

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Inhalation LC50
Dermal LD50 Dermal - rabbit - 15,433 mg/kg
Other information on acute toxicity

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification.

IARC: 2B - Group 2B: Possibly carcinogenic to humans (Ethylbenzene)

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: Central nervous system depression, Nausea, Headache, Vomiting, Ataxia., Tremors

Synergistic effects: no data available

Additional Information:

RTECS: DA0700000

Xylene (mixed isomers) (1330-20-7) [.1-.4%]

Information on toxicological effects

Acute toxicity:

Oral LD50 no data available

Inhalation LC50

Dermal LD50

Other information on acute toxicity

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Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: Eyes: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 2B - Group 2B: Possibly carcinogenic to humans (Ethylbenzene)

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Xylene)

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: Not available

Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite, synthetic zeolites)
(1318-02-1) [1-5%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - > 10,000 mg/kg

Inhalation LC50 Dermal LD50 Dermal - rabbit - > 2,000 mg/kg

Other information on acute toxicity no data available

Skin corrosion/irritation: Skin - Human - No skin irritation

Serious eye damage/eye irritation: Eyes - rabbit - No eye irritation

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Respiratory or skin sensitization: no data available

Germ cell mutagenicity: Genotoxicity in vitro - Human - lymphocyte Cytogenetic analysis

Genotoxicity in vivo - mouse - Intraperitoneal

Carcinogenicity:

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Zeolites crystalline aluminosilicates, composed of silica (SiO₂) and alumina (Al₂O₃), in various proportions plus metallic oxides. Pr)

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):

Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure (Globally Harmonized System):

no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: prolonged or repeated exposure can cause:, Damage to the lungs. Cough, Difficulty in breathing, Gastrointestinal disturbance, prolonged or repeated exposure can cause:, Damage to the lungs., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: ZG6800000

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Information on ecological effects

Toxicity:

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Ethylbenzene (100-41-4) [0-.1%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - *Cyprinodon variegatus* (sheepshead minnow) - 88.00 mg/l - 96 h.

LC50 - *Lepomis macrochirus* (Bluegill) - 80.00 mg/l - 96 h

NOEC - *Cyprinodon variegatus* (sheepshead minnow) - 88 mg/l - 96 h

LC50 - *Oncorhynchus mykiss* (rainbow trout) - 4.2 mg/l - 96 h

Toxicity to daphnia EC50 - *Daphnia magna* (Water flea) - 2.90 mg/l - 48 h.
and other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Toxic to aquatic life.

Xylene (mixed isomers) (1330-20-7) [.1-.4%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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Toxic to aquatic life.

13 DISPOSAL CONSIDERATIONS

Disposal: Any disposal practice must be in compliance with all federal, state and local laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Waste characterization and disposal compliance are the responsibility solely of the party generating the waste or deciding to discard or dispose of the material. Do not allow material to enter sewers, a body of water, or contact the ground. Refer to RCRA 40 CFR 261, and/or any other appropriate federal, state or local requirements for proper classification information.

14 TRANSPORT INFORMATION

Non DOT/RCRA regulated

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

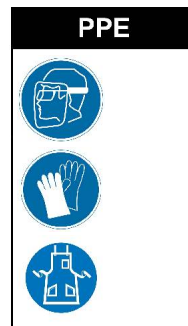
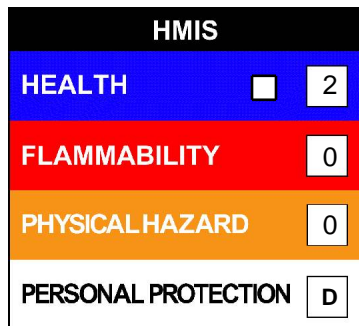
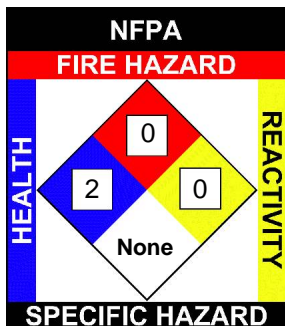
Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite, synthetic zeolites) (1318-02-1) [1-5%] IARC

Regulatory CODE Descriptions

RQ = Reportable Quantity
IARC = IARC Carcinogen Risks

16 OTHER INFORMATION

NFPA: Health = 2, Fire = 0, Reactivity = 0, Specific Hazard = None
 HMIS III: Health = 2, Fire = 0, Physical Hazard = 0
 HMIS PPE: D - Face Shield and Eye Protection, Gloves, Apron



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Disclaimer:

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