



1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY INFORMATION

Product Identification

- Trade Name: Blend Tech Solutions Joint Filler STnic-23 A
- Product Use: Concrete Joint Filler
- Restriction on Use: Intended for industrial and professional users

Company Information

- Blend Tech Solutions
- 12850 Highway 287
Fort Worth, TX 76052
- 608-301-7224

Prepared by Department of Environmental, Health and Safety Emergency Number – (serviced 24 hours)

- SPILLTECH (323) 908-3952

2. HAZARDS IDENTIFICATION

Classification of substance or mixture:

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

- Environmental, Hazards to the aquatic environment - Acute, 1
- Environmental, Hazards to the aquatic environment - Chronic, 1
- Health, Specific target organ toxicity - Repeated exposure, 2
- Health, Serious Eye Damage/Eye Irritation, 2 A
- Health, Acute toxicity, 4 Oral

Label elements: This material requires a hazard warning label in accordance with GHS criteria

Pictogram:



Signal Word: **WARNING**

Hazard statement(s):

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H373 - May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure.

H319 - Causes serious eye irritation

H302 - Harmful if swallowed



Precautionary statement(s):

P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

P264 - Wash hands 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.

P301 + P312 - IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously 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.

P330 - Rinse mouth.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P391 - Collect spillage.

P501 - Dispose of contents/container according to state, local and federal regulations.

Hazards not otherwise classified:

Route of Entry: Eyes; Ingestion; Inhalation; Skin;

Target Organs: Respiratory system; Skin; Eyes;

- **Inhalation:** Heating, spraying, foaming or otherwise mechanically dispersing operations way generate vapor or aerosol concentrations sufficient to cause irritation or other adverse effects. Minimal respiratory tract irritation may occur with exposure to a large amount of material.
- **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.
- **Ingestion:** May cause nausea or vomiting.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Components:		
Chemical Name:	CAS#:	Content:
2-Propanol (2-ethanediylidinitrilo)	102-60-3	5 - 25%
Benzene, methylpropyl	5285-60-9	0 - 5%
Benzenediamine	68479-98-1	0 - 4%



4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility immediately.

Eyes: Flush with large amounts of water for 15 minutes. Use fingers to assure that the eyelids are separated and that the eye is being irrigated. Get immediate medical attention.

Skin: Remove all contaminated clothing and shoes. Wash skin with large quantities of water and soap. Wash clothing before wearing again and clean shoes. If redness, itching or a burning sensation develops or persists after the area is washed, consult a physician.

Ingestion: If swallowed, do not induce vomiting unless directed to do so by medical personnel. This material is an aspiration hazard. Never give anything by mouth to an unconscious person. Seek medical attention.

5. FIREFIGHTING MEASURES

Flash Point: >200°F

Flash Point Method: Dry powder, foam, carbon dioxide. Use cold water spray to cool fire exposed containers to minimize risk of rupture. A solid stream of water directed into hot burning liquid could cause frothing. If possible, contain fire run off.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

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.

Material containment and 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.

7. HANDLING AND STORAGE

Precautions for safe handling: Do not smoke or use naked lights, open flames, space heaters or other ignition sources near pouring, frothing or spraying operations. If contamination with isocyanates is suspected, do not reseal containers. Special Emphasis for spray applications of mixed products containing isocyanates: Inspect the application area for 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.

Information about safe storage: When stored between 60°-85° F in sealed containers, typical shelf life is 6 months or more from the date of manufacture. Open containers must be handled properly to prevent moisture pickup.



8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

Additional information about exposure controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Uses requiring heating and/or spraying may require more aggressive engineering controls or PPE. 2-Propanol, 1,1,1,1-tetra-(1,2-ethanediyldinitrilo)tetrakis- cas#:(102-60-3) [5-25%]

PPE (personal protective equipment) and hygienic measures:

- **Respiratory Protection :** Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- **Hand 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. Splash contact Material: Nitrile rubber Minimum layer thickness: 0.4 mm Break through time: 120 min Material tested: Camatril (KCL 730 / Aldrich Z677442, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.
- **Eye protection:** Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
- **Skin and body protection:** Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- **Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information:

- Physical state: Liquid
- Odor: Mild
- Odor Threshold: Not available
- Appearance: Non-pigmented liquid



Physical properties:

- pH value (@70°F): Not available
- Specific gravity (@70°F): Not available
- Bulk density: 8.52 lbs/gallon
- Boiling point: >354°F
- Freezing point/Melting point: 60°F
- Decomposition temperature: Not available
- Vapor pressure: Not available
- Vapor density: >1
- Evaporation rate: <1
- VOC (w/w): 0%
- Partition Coefficient (n-octanol/water): Not available
- Auto ignition: Not available
- Flash point: >150°F
- Lower / Upper Flammability Limits: Not applicable
- Viscosity: approx. 800 cps

10. STABILITY AND REACTIVITY

Reactivity: No specific data

Chemical stability: Product is stable under normal conditions.

Conditions to avoid: No specific data

Materials to avoid: No specific data

Hazardous decomposition: Under normal storage conditions hazardous decomposition products should not be produced.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Routes for exposure for solids and liquids are ingestion and inhalation, but may include eye and skin contact.

Acute toxicity: This product has not been tested for toxicity. Based on data derived from individual components the classification criteria are not met. No adverse health effects are expected with intended use and appropriate handling.

- Oral LD50: No data available
- Inhalation LC50
- Dermal LD50
- Skin corrosion/irritation: No data available
- Serious eye damage/eye irritation: No data available
- Respiratory or skin sensitisation: May cause allergic skin reaction.
- Germ cell mutagenicity: No data available



Chronic toxicity: 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: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- 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): 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. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.
- Synergistic effects: no data available
- RTECS: UB5604000

12. ECOLOGICAL INFORMATION

Components:		
Chemical Name:	CAS#:	Content:
2-Propanol	102-60-3	5 - 25%

Ecotoxicity: 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: Do not empty into drains.

13. DISPOSAL CONSIDERATIONS

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 SDS 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

DOT - Non DOT/non RCRA regulated
IATA/IMDG/ICAO - Not dangerous goods

15. REGULATORY INFORMATION

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Components:		
Chemical Name:	CAS#:	Content:
2-Propanol	101-68-8	5 - 25%
Benzene, methylenebis	26447-40-5	0 - 5%
Benzenediamine	39310-05-9	0 - 4%

16. OTHER INFORMATION

- NFPA: Health = 1, Fire = 1, Reactivity = 0, Specific Hazard = None
- HMIS III: Health = 1, Fire = 1, Physical Hazard = 0
- HMIS PPE: X - Consult your supervisor for special instructions



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