



# Safety Data Sheet

Date Revised: 9/3/2015

Supersedes:

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name(s):** Five Star® Control Joint Sealer / Component A

Synonyms: N/A

Product Use: Flexible sealer for construction joints.

Restrictions on Use: Use with Control Joint Sealer Component B

Manufacturer/Supplier: Five Star Products, Inc.  
60 Parrott Drive  
Shelton, CT 06484 USA

Phone #: 203-336-7900

**Emergency Phone #:** **CHEM-TEL 1-800-255-3924**  
**(Outside the U.S. 1-813-248-0585)**

## SECTION 2: HAZARD(S) IDENTIFICATION-GHS INFORMATION

**Classification:** Carcinogenicity, Category 2  
Serious Eye Damage/Eye Irritation, Category 2A

**Label Elements/Hazard Pictograms:**



**Signal Word:** Warning

**Hazard Statements:** Causes serious eye irritation, H319.  
Suspected of causing cancer, H351.

**Precautionary Statements/Prevention:** If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read label before use.  
Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** Use personal protective equipment as required.  
If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If exposed or concerned: Get medical advice/attention.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container in accordance with applicable regional, national, and local laws and regulations.



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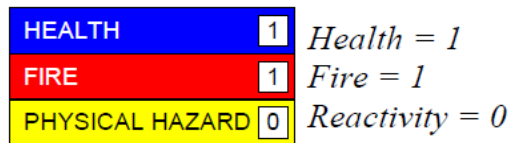
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## Classification System

NFPA ratings (scale 0-4):



HMIS ratings (scale 0-4):



PBT Assessment: Not applicable

vPvB Assessment: Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS		
Dangerous Components	CAS No.	% wt/wt
Diglycidyl ether of bisphenol-A homopolymer	25085-99-8	50-75
Limestone	1317-65-3	≤10
Zinc oxide	1314-13-2	≤10
P-menth-1-en-8-ol	98-55-5	≤2.5

## SECTION 4: FIRST AID MEASURES

**General Information:** Symptoms of poisoning may even occur after several hours: therefore medical observation for at least 48 hours after the accident.

**Inhalation:** If inhaled: Supply fresh air; consult doctor in case of complaints.

**Eye Contact:** If in eyes: Rinse opened eye for several minutes under running water. Then consult a doctor.

**Skin Contact:** If skin irritation continues, consult a doctor.

**Ingestion:** If swallowed: Seek medical treatment.

**Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**Indication of any immediate medical attention and special treatment needed:** No further relevant information available.



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## SECTION 5: FIRE-FIGHTING MEASURES

### MEANS OF EXTINCTION

**Suitable Extinguishing Media:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards arising from the substance or mixture:** No further relevant information available.

**Protection of Firefighters:** Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment & Emergency Procedures:** Wear protective equipment. Keep unprotected persons away.

**Environmental Precautions:** Inform respective authorities in case of seepage into water course or sewage system.

**Methods and Material for Containment and Clean up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

**Reference to other sections:** See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.

**Information about protection against Explosions and Fires:** No special measure required.

**Storage:** Store in a cool dry location. Store away from incompatible materials. Keep receptacle tightly sealed.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Additional information about design of technical systems:** No further data.

**Components with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)



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**General Protective and Hygienic Measures:**

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

**Eye/Face Protection:**

Wear appropriate eye protection to prevent eye contact.

**Hand Protection:**

Wear protective gloves. The glove material has to be impermeable and resistant to the product / the substance / the preparation.

**Breathing Equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
<b>Appearance:</b>	Liquid
<b>Color:</b>	Grey
<b>Odor:</b>	Mild
<b>Odor Threshold:</b>	Not determined
<b>pH value:</b>	Not determined
<b>Melting Point / Melting Range:</b>	Undetermined
<b>Boiling Point / Boiling Range:</b>	Undetermined
<b>Flash Point:</b>	>94°C (>201°F)
<b>Flammability (solid, gaseous):</b>	Not applicable
<b>Decomposition Temperature:</b>	Not determined
<b>Auto igniting:</b>	Product is not self-igniting.
<b>Danger of Explosion:</b>	Product does not present an explosion hazard.
<b>Explosion Limit – Lower:</b>	Not determined
<b>Explosion Limit – Upper:</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Density at 20°C (68°F):</b>	1.19 g/cm <sup>3</sup> (9.931 lbs/gal)
<b>Relative Density:</b>	Not determined
<b>Vapor Density:</b>	Not determined
<b>Evaporation Rate:</b>	Not determined
<b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient (n-octanol/water):</b>	Not determined
<b>Viscosity, Dynamic:</b>	Not determined
<b>Viscosity, Kinematic:</b>	Not determined



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<b>Organic Solvents:</b>	0.0%
<b>Solids Content:</b>	100.0%
<b>Volatile Organic Compounds:</b>	Not determined

## SECTION 10: STABILITY AND REACTIVITY

### Chemical Stability

#### Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

#### Possibility of hazardous reactions:

No dangerous reactions known.

#### Conditions to Avoid:

No further relevant information available.

#### Incompatible materials:

No further relevant information available.

#### Hazardous decomposition products:

No dangerous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### LD/LC50 values that are relevant for classification:

<b>25085-99-8 Diglycidyl ether of bisphenol A homopolymer</b>		
Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	20000 mg/kg (rabbit)

<b>1314-13-2 Zinc Oxide</b>		
Oral	LD50	7950 mg/kg (mouse)

#### Primary Irritant Effect On the Skin:

No irritant effect known.

#### Primary Irritant Effect On the Eye:

Irritating effect.

#### Sensitization:

No sensitizing effects known.

#### Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Harmful, Irritant

#### Carcinogenic Categories

#### IARC (Int'l Agency for Research on Cancer):

14807-96-6  
Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)

#### NTP (National Toxicology Program):

None of the ingredients is listed.

#### OSHA-Ca:

None of the ingredients is listed.



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## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

**Aquatic Toxicity:** No further relevant information available.

**Persistence and Degradability:** No further relevant information available.

**Bio-accumulative Potential:** No further relevant information available.

**Mobility in Soil:** No further relevant information available.

**Ecotoxicological Effects Remark:** Toxic for fish.

### Additional Ecological Information

**General Notes:** Water hazard class 1 (self-assessment): Slightly hazardous for water.  
Water hazard class 2 (self-assessment): Hazardous for water.  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.  
Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms.

**PBT Assessment:** N/A

**vPvB Assessment:** N/A

**Other Adverse Effects:** No further relevant information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

**Recommendation:** Must not be disposed of as normal garbage. Do not allow product to reach sewage system. It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal and provincial environmental regulations.

**Uncleaned Packaging Recommendation:** Disposal must be made according to Federal, State & Local regulations.

## SECTION 14: TRANSPORT INFORMATION

### UN Number

**IMDG:** UN3082

### UN Proper Shipping Name



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**IMDG:** Environmentally hazardous substance, Liquid, N.O.S. (epoxy resin), Marine Pollutant

**Transport Hazard Class(es)**

**DOT, ADR Class:** N/A

**IMDG Class:** 9, Miscellaneous dangerous substances and articles

**IMDG Label:** 9

**Packing Group:** III

**DOT, ADR, IMDG, IATA**

**Environmental Hazards**

**Marine Pollutant:** Yes  
Symbol (fish and tree)

**Special Marking (ADR):** Symbol (fish and tree)

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not Applicable

**Transport/Additional Information**

**DOT Remarks:** Add "Marine Pollutant" to end of proper shipping name if shipping in a bulk container (>119 gallons).  
Special marking with the symbol (fish and tree).

**U.S. Domestic Ground Shipments:** Same as listed for Standard Shipments above.

**U.S. Domestic Ground Non-Bulk (119 gal or less per container) Shipments:** Same as listed for Standard Shipments above.

**Emergency Response Guide (ERG) Number:** Not determined

**IMDG Limited quantities (LQ):** 5L

**IMDG Exempted quantities (EQ):** Code:E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

**UN "Model Regulation":** N/A, III

**SECTION 15: REGULATORY INFORMATION**

**SARA**

**Section 355 (Extremely Hazardous Substances):** None of the ingredients are listed.

**Section 313 ( Specific toxic chemical listings):** 1314-13-2, Zinc Oxide, ≤10%



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<b>TSCA (Toxic Substances Control Act):</b>	All ingredients are listed.
<b>CA Proposition 65:</b>	None of the ingredients are listed.
<b>Chemicals known to cause reproductive toxicity for females:</b>	None of the ingredients are listed.
<b>Chemicals known to cause reproductive toxicity for males:</b>	None of the ingredients are listed.
<b>Chemicals known to cause developmental toxicity:</b>	None of the ingredients are listed.
<b>Carcinogenicity Categories</b>	
<b>EPA:</b>	1314-13-2, Zinc Oxide, D I, II
<b>TLV:</b>	14807-96-6, Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ), A4
<b>MAK (German Maximum Workplace Concentration):</b>	14807-96-6, Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )
<b>NIOSH-Ca:</b>	None of the ingredients are listed.
<b>National Regulations</b>	
<b>Water Hazard Class:</b>	Water hazard class 2 (Self-Assessment): Hazardous for water.
<b>Chemical Safety Assessment:</b>	A Chemical Safety Assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

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