

Conforms to HCS 2012 - United States

SS05 FIXED FLOW SEAM SEALER (HARDENER)

Section 1. Identification

PRODUCT IDENTIFIER:

PRODUCT NAME: SS05 Fixed Flow Seam Sealer

OTHER MEANS OF IDENTIFICATION:

SDS#: IIES-FO8412H

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

RECOMMENDED USE: Sealer/Adhesive

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

SUPPLIER ADDRESS:

Promax America LLC
 1910 5th Avenue
 River Grove, IL 60171
 (847) 502-2431

EMERGENCY TELEPHONE NUMBER:

EMERGENCY TELEPHONE (24HR): INFOTRAC - (800)-535-5053

Section 2. Hazards identification

APPEARANCE: White viscous liquid

CLASSIFICATION:

Carcinogenicity	Category 2
-----------------	------------

SIGNAL WORD:

WARNING

HAZARD STATEMENTS:



Suspected of causing cancer

PRECAUTIONARY STATEMENTS – PREVENTION:

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Use personal protective equipment as required

PRECAUTIONARY STATEMENTS – RESPONSE:

If exposed or concerned: Seek medical advice/attention

PRECAUTIONARY STATEMENTS – STORAGE:

Store locked up

PRECAUTIONARY STATEMENTS – DISPOSAL:

Dispose of contents/container to an approved waste disposal plant

UNKNOWN ACUTE TOXICITY:

80-90% of the mixture consists of ingredients of unknown toxicity

Section 3. Composition/information on ingredients

CHEMICAL NAME	CAS NO	WEIGHT-%
Mercaptan-Terminated Epoxy Curing Agent	PROPRIETARY	80-90
2,4,6-tri(dimethylaminomethyl)phenol	90-72-2	5-10
Amorphous Silica	67762-90-7	1-5
Titanium dioxide	13463-67-7	0.5-1.0

Any concentration shown as a range is to protect confidentiality or is due to batch variation. **There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

DESCRIPTION OF NECESSARY FIRST AID MEASURES:
GENERAL ADVICE:

Provide this SDS to medical personnel for treatment

EYE CONTACT:

Immediately flush eyes thoroughly with water for at least 15 minutes. Get immediate medical advice/attention

INHALATION:

Remove exposed individuals to fresh air for 20 minutes. Consult a physician/poison center if individuals Condition declines or if symptoms persist

SKIN CONTACT:

Remove contaminated clothing. Wash the skin immediately with soap and water. Seek medical attention if irritation persists after washing. Wash contaminated clothing before reuse

INGESTION:

Do not induce vomiting without medical advice. Seek medical attention immediately. Rinse mouth

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:
SYMPTOMS:

Mild eye, skin, and/or respiratory irritation. Exposed individuals may experience eye tearing, redness and Discomfort. Will cause gastrointestinal tract irritation

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:
NOTES TO PHYSICIAN:**

Treat symptomatically

Section 5. Fire-fighting measures

SUITABLE EXTINGUISHING MEDIA:

CO2, dry chemical, foam and water fog

UNSUITABLE EXTINGUISHING MEDIA: Not determined

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Product is not flammable

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSH/NIOSH (approved or equivalent) and full protective gear.

Section 6. Accidental release measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

PERSONAL PRECATUIONS:

Wear protective clothing as described in Section 8 of this safety data sheet

ENVIROMENTAL PRECAUTIONS:

Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

METHODS FOR CONTAINMENT:

Prevent further leakage or spillage if safe to do so. Contain with inert material

METHODS FOR CLEAN-UP:

Soak up with inert absorbent material. Place in appropriate containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations

Section 7. Handling and storage

PRECAUTIONS FOR SAFE HANDLING:

ADVICE ON SAFE HANDLING:

Obtain special instructions before use. Do not handle until all safety precautions have been read and Understood. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with Skin, eyes or clothing. Keep out of reach of children

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:
STORAGE CONDITIONS:

Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep locked up and Out of reach of children

INCOMPATIBLE MATERIALS:

Acids, Amines, Mercaptans, Strong oxidizing agents

Section 8. Exposure controls/personal protection

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³

APPROPRIATE ENGINEERING CONTROLS:

ENGINEERING CONTROLS: Mechanical ventilation or local exhaust ventilation is recommended

INDIVIDUAL PROTECTION MESURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT
EYE/FACE PROTECTION:

Safety glasses with side shields or chemical goggles

SKIN/BODY PROTECTION:

Solvent resistant gloves. Wear suitable protective clothing

RESPIRATORY PROTECTION:

Wear an appropriate NIOSH/MSHA approved respirator if ventilation is inadequate

GENERAL HYGIENE CONSIDERATIONS:

Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking or Smoking. If contact occurs, remove contaminated clothing, if needed, take first aid action shown on section 4 of This SDS. Launder contaminated clothing before reuse

Section 9. Physical and chemical properties

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: Liquid

APPEARANCE: White viscous liquid

COLOR: White

ODOR: Mercaptan

ODOR THRESHOLD: Not determined

PROPERTY:

PH: Not determined

MELTING POINT: Not determined

BOILING POINT: Not determined

FLASH POINT:

EVAPORATION RATE: Not determined

FLAMMABILITY: Not determined

UPPER FLAMMABILITY LIMITS: Not determined

LOWER FLAMMABILITY LIMITS: Not determined

VAPOR PRESSURE: Not determined

VAPOR DENSITY: Not determined

MATERIAL V.O.C.: Negligible

SPECIFIC GRAVITY: 1.13

WATER SOLUBILITY: insoluble in water

SOLUBILITY IN OTHER SOLVENTS: Not determined

PARTITION COEFFICIENT: Not determined

AUTO-IGNITION TEMPERATURE: Not determined

DECOMPOSITION TEMPERATURE: Not determined

KINEMATIC VISCOSITY: Not determined

DYNAMIC VISCOSITY: Not determined

EXPLOSIVE VISCOSITY: Not determined

OXIDIZING VISCOSITY: Not determined

Section 10. Stability and reactivity

REACTIVITY:

Not reactive under normal conditions

CHEMICAL STABILITY:

Stable under recommended storage conditions

POSSIBILITY OF HAZARDOUS REACTIONS:

None under normal processing

CONDITIONS TO AVOID:

Heat, flames, and sparks. Keep out of reach of children

INCOMPATIBLE MATERIALS:

Acids, Amines, Mercaptans, Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS:

Section 11. Toxicological information

INFORMATION ON LIKELY ROUTES OF EXPOSURE:

PRODUCT INFORMATION:
EYE CONTACT:

May cause temporary irritation on eye contact

SKIN CONTACT:

Prolonged contact may cause redness and irritation

INHALATION:

May cause irritation if inhaled

INGESTION:

May cause gastrointestinal irritation, nausea, diarrhea, and vomiting

COMPONENT INFORMATION:

<u>CHEMICAL NAME</u>	<u>ORAL LD50</u>	<u>DERMAL LD50</u>	<u>INHALATION LD50</u>
2, 4, 6-tri(dimethylaminomethyl)phe nol 90-72-2	=1000 mg/kg (Rat)	=1280 mg/kg (Rat)	-
Titanium dioxide 13463-67-7	>10000 mg/kg (Rat)	-	-

INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS
SYMPTOMS:

Please see section 4 of this SDS for symptoms

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CRHONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:
CARCINOGENICITY:

Suspected of causing cancer

<u>CHEMICAL NAME</u>	<u>ACGIH</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
Titanium dioxide 13463-67-7		Group 2B		X

Section 12. Ecological information
NUMERICAL MEASURES OF TOXICITY
ACUTE TOXICITY ESTIMATES:

80-90% of the mixture consists of ingredients of unknown toxicity

ECOTOXICITY:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

PERSISTENCE/DEGRADABILITY:

Not determined

BIOACCUMULATION:

Not determined

MOBILITY:

Not determined

OTHER ADVERSE EFFECTS:

Not determined

Section 13. Disposal considerations

WASTE TREATMENT METHODS:

DISPOSAL OF WASTES:

Disposal should be in accordance with applicable regional, national and local laws and regulations

CONTAMINATED PACKAGING:

Disposal should be in accordance with applicable regional, national and local laws and regulations

CHEMICAL NAME	RCRA	RCRA – BASIS FOR LISTING	RCRA – D SERIES WASTES	RCRA – U SERIES WASTES
2, 4, 6-tri(dimethylaminomethyl)phenol 90-72-2		Included in waste stream: K060		

Section 14. Transport information

NOTE: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

DOT: Not regulated

IATA: Not regulated

IMDG: Not regulated

Section 15. Regulatory information

INTERNATIONAL INVENTORIES: Not determined

LEGEND:

- TSCA – United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substance List
- EINECS/ELINCS – European inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS – Japan Existing and New Chemical Substances
- IECSC – China Inventory of Existing Chemical Substances
- KECL – Korean Existing and Evaluated Chemical Substances
- PICCS – Philippines Inventory of Chemicals and Chemical Substances

US FEDERAL REGULATIONS:

SARA313: Not determined

US STATES REGULATIONS: This product contains the following Proposition 65 chemicals

CHEMICAL NAME	CALIFORNIA PROPOSITION 65
Titanium dioxide – 13463-67-7	Carcinogen

Section 16. Other information

NEPA:	HEALTH HAZARDS Not determined	FLAMMABILITY Not determined	INSTABILITY Not determined	SPECIAL HAZARDS Not determined
HMIS:	HEALTH HAZARDS 2	FLAMMABILITY 1	INSTABILITY 0	PERSONAL HAZARDS Not Determined

Section 16. Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.