



# Safety Data Sheet

## SELECTRA-SIL, TFAA

### Section 1. Identification

Product Identifier SELECTRA-SIL, TFAA  
Synonyms STFAA-0-1; STFAA-0-10; STFAA-0-25; STFAA-0-100; STFAA-0-1-AMP  
Manufacturer Stock Numbers N/A  
Product Cas 407-25-0

Recommended use N/A  
Uses advised against N/A

Manufacturer Contact  
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2731 Bartram Road  
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US

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(800) 424-9300 Chemtrec N/A  
CHEMTREC

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manastasio@unitedchem.com

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### Section 2. Hazards Identification

Classification ACUTE TOXICITY - INHALATION - Category 4  
EYE DAMAGE/IRRITATION - Category 1  
SKIN CORROSION/IRRITATION - Category 1A

Signal Word Danger

Pictogram



Hazard Statements Causes serious eye damage  
Causes severe skin burns and eye damage

	Harmful if inhaled Harmful to aquatic life with long lasting effects
<b>Precautionary Statements</b>	
<b>Response</b>	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If inhaled: Remove person to fresh air and keep comfortable for breathing. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If swallowed: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse.
<b>Prevention</b>	Use only outdoors or in a well-ventilated area.
<b>Storage</b>	Store locked up.
<b>Disposal</b>	Dispose of contents/container to an approved waste disposal facility

Ingredients of unknown toxicity      0%

Hazards not Otherwise Classified  
No Data Available

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
407-25-0	TFAA	Unknown

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

### Section 4. First-Aid Measures

**Additional Information**      General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

If swallowed: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## Section 5. Fire Fighting Measures

### Suitable Extinguishing Media

Extinguishing media: Suitable extinguishing media Dry powder

Special hazards arising from the substance or mixture: Carbon oxides, Hydrogen fluoride

Advice for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

### Unsuitable Extinguishing Media

N/A

## Section 6. Accidental Release Measures

### Additional Information

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided

Methods and materials for containment and cleaning up Soak up with inert absorbent material and dispose of as hazardous waste. Do not flush with water. Keep in suitable, closed containers for disposal

## Section 7. Handling and Storage

### Additional Information

Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Never allow product to get in contact with water during storage.

Hygroscopic. Store under inert gas.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	TFAA	N/A	N/A	N/A
<p>Personal Protective Equipment</p> <p>Additional Information</p>	<p>Goggles, Gloves, Face Shield</p> <p>Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.</p> <p>Eye/face protection: Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).</p> <p>Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's 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.</p> <p>Full contact: Material: Nature latex/chloroprene Minimum layer thickness: 0.6 mm Break through time: 480 min Material tested:Lapren® (KCL 706 / Aldrich Z677558, Size M)</p> <p>Splash contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 38 min Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0) 6659 87300, e-mail sales@kcl.de, test method: EN374</p> <p>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.</p> <p>Body Protection: Complete suit protecting against chemicals, Flame retardant protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.</p> <p>Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type AXBEK (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).</p> <p>Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.</p>			

## Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colorless
Odor	N/A
Odor Threshold	N/A
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
Ph	N/A
Melting Point	N/A
Boiling Point	39.5C
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

## Section 10. Stability and Reactivity

### Additional Information

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Reacts violently with water.

Conditions to avoid: Exposure to moisture.

Incompatible materials: Strong oxidizing agents, Strong acids, Strong bases, Alcohols

## Section 11. Toxicological Information

### Additional Information

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.

## Section 12. Ecological Information

### Additional Information

No data available

## Section 13. Disposal

### Additional Information

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging: Dispose of as unused product.

## Section 14. Transport Information

UN Number	3265
UN Proper Shipping Name	Corrosive liquid, acidic, organic, n.o.s.
DOT Classification	8
Packing Group	I

## Section 15. Regulatory Information

### Additional Information

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components: Trifluoroacetic anhydride CAS-No. 407-25-0

New Jersey Right To Know Components: Trifluoroacetic anhydride CAS-No. 407-25-0

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## Section 16. Other Information

### Revision Date

7/2/215

### Additional Information

MANUFACTURER SUPPLEMENTAL NOTES: All technical data is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

MANUFACTURER DISCLAIMER: The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.

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