

# SAFETY DATA SHEET

Date Issued : 10/09/2019

SDS No : AST AS-75

## American Safety Technologies AS-75

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** American Safety Technologies AS-75

**MANUFACTURER**

ITW Polymers Sealants North America  
12055 Cutten Road  
Houston, TX 77066  
**Customer Service:** (281) 397-0033

**24 HR. EMERGENCY TELEPHONE NUMBERS**

CHEMTREC (US Transportation): (800) 424-9300  
International: (703) 527-3887

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

Not classified

**GHS LABEL**

The mixture does not meet criteria for classification.

**PRECAUTIONARY STATEMENTS**

**Prevention:**

P102: Keep out of reach of children.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
4823P7N1: Observe good industrial hygiene practices.

**Response:**

0694QG XV: Wash hands thoroughly after handling.

**Storage:**

0283SIXF: Store away from incompatible materials.

**Disposal:**

5207XY7K: Dispose of contents/container according to local, regional, national, and international regulations.

**HAZARDS NOT OTHERWISE CLASSIFIED:** None known.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name                 | Wt.%    | CAS        |
|-------------------------------|---------|------------|
| Silica, Crystalline           | 30 - 60 | 14808-60-7 |
| Calcium Carbonate (limestone) | 10 - 30 | 1317-65-3  |
| Acrylic Copolymer             | 5 - 10  | Mixture    |
| Carbon Black                  | 0.1 - 1 | 1333-86-4  |

### 4. FIRST AID MEASURES

**EYES:** Flush eye with tempered water for 15 minutes lifting upper and lower eye lids occasionally. If irritation persists, contact a physician.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Rinse mouth. Get medical advice/attention if symptoms occur or you feel unwell.

**INHALATION:** Remove person to fresh air. Seek medical attention if discomfort persists.

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### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Direct contact with eyes may cause temporary irritation.

**NOTES TO PHYSICIAN:** Treat symptomatically.

**ADDITIONAL INFORMATION:** If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this SDS to the doctor in attendance.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Class IIIB

**GENERAL HAZARD:** Combustible Liquid.

**EXTINGUISHING MEDIA:** Water Fog, Foam, Dry Chemical Powder, Carbon Dioxide (CO<sub>2</sub>).

**OTHER CONSIDERATIONS:** Do not use water jet as an extinguisher, as this will spread the fire.

**EXPLOSION HAZARDS:** Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

**FIRE FIGHTING PROCEDURES:** Use standard firefighting procedures and consider the hazards of other involved materials.

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do without risk. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear Self-Contained Breathing Apparatus (SCBA) MSHA/NIOSH approved or equivalent and full protective clothing.

**FIRE EXPLOSION:** No unusual fire or explosion hazards noted.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only those persons who are adequately trained, authorized, and wearing the appropriate personal protective equipment (PPE) should participate in spill response and clean-up.

**LARGE SPILL:** Keep spectators away. Only those persons who are adequately trained, authorized and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up. Know and prepare for spill response before using or handling this product. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered and labeled containers for disposal. Use appropriate PPE. Place absorbent diking materials in covered containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid run-off into storm drains, ditches and waterways.

**RELEASE NOTES:** Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. Avoid contact with eyes, skin, and clothing.

**STORAGE:** Store in a tightly closed container. Store away from incompatible materials (strong oxidizing agents).

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) |                 |      |        |                              |
|---|-----------------|------|--------|------------------------------|
| Chemical Name                               | EXPOSURE LIMITS |      |        |                              |
|   | Type            |      | ppm    | mg/m <sup>3</sup>            |
| Silica, Crystalline                         | OSHA PEL        | TWA  | NL     | 0.1 mg/m <sup>3</sup>        |
|   |                 | STEL | NL [1] | NL [1]                       |
|   | ACGIH TLV       | TWA  | NL     | 0.05 mg/m <sup>3</sup>       |
|   |                 | STEL | NL [1] | NL [1]                       |
| Calcium Carbonate (limestone)               | OSHA PEL        | TWA  | NL [1] | 15T 5R mg/m <sup>3</sup> [1] |
|   |                 | STEL | NL [1] | NL [1]                       |
|   | ACGIH TLV       | TWA  | NL [1] | (10) mg/m <sup>3</sup> [1]   |
|   |                 | STEL | NL [1] | NL [1]                       |
| Acrylic Copolymer                           | OSHA PEL        | TWA  | NL [1] | NL [1]                       |
| Carbon Black                                | OSHA PEL        | TWA  | NL [1] | 3.5 [1]                      |
|   |                 | STEL | NL [1] | NL [1]                       |
|   | ACGIH TLV       | TWA  | NL [1] | 3.5 [1]                      |
|   |                 | STEL | NL [1] | NL [1]                       |
| <b>Footnotes:</b><br>1. NL = Not Listed     |                 |      |        |                              |

**ENGINEERING CONTROLS:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields (or goggles).

**SKIN:** Wear chemical resistant, impervious gloves.

**RESPIRATORY:** Where vapor concentrations exceed or are likely to exceed the occupational exposure limits, a NIOSH approved continuous flow supplied air respirator, hood or helmet is recommended. A NIOSH approved self-contained positive pressure breathing apparatus with full face piece is required for spills and/or emergencies.

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**PROTECTIVE CLOTHING:** Chemical resistant gloves and normal work clothing (long sleeved shirt and long pants). Use of impervious apron is recommended.

**WORK HYGIENIC PRACTICES:** Use good hygiene practices when handling this material. Wash hands thoroughly after use before eating, drinking and/or smoking. When using do not smoke. Routinely wash work clothing and protective equipment to remove contamination. Contaminated work clothing should not be allowed out of the workplace.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

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**ODOR:** Slight**COLOR:** White Tint Base, Neutral Tint Base, Safety Yellow, Tile Red, Medium Gray, Black**pH:** Not Available**FLASH POINT AND METHOD:** > 93.3°C (200°F)**FLAMMABLE LIMITS:** Not Available to Not Available**VAPOR PRESSURE:** Not Available**VAPOR DENSITY:** Not Available**BOILING POINT:** 100°C (212°F)**Notes:** estimated**FREEZING POINT:** Not Available**MELTING POINT:** 0.0°C (32.0°F)**SOLUBILITY IN WATER:** Not Available**EVAPORATION RATE:** Not Available**DENSITY:** 14.84 lbs/gal**SPECIFIC GRAVITY:** 1.78**VISCOSITY:** Not Available**(VOC):** 42 gr/L

### 10. STABILITY AND REACTIVITY

**REACTIVITY:** Product is stable and non-reactive under normal conditions of use, storage and transport**HAZARDOUS POLYMERIZATION:** Product will not undergo polymerization.**STABILITY:** Stable under normal storage and application conditions.**CONDITIONS TO AVOID:** Avoid temperatures exceeding the flash point. Contact with incompatible materials.**POSSIBILITY OF HAZARDOUS REACTIONS:** None**HAZARDOUS DECOMPOSITION PRODUCTS:** No hazardous decomposition products are known.**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

| Chemical Name                 | ORAL LD <sub>50</sub> | DERMAL LD <sub>50</sub> | INHALATION LC <sub>50</sub> |
|-------------------------------|-----------------------|-------------------------|-----------------------------|
| Silica, Crystalline           | No data               | No data                 | No data                     |
| Calcium Carbonate (limestone) | 6450 mg/kg (mouse)    | No data                 | No data                     |
| Acrylic Copolymer             | No data               | No data                 | No data                     |
| Carbon Black                  | No data               | No data                 | No data                     |

**NOTES:** No known acute effects.**SKIN CORROSION/IRRITATION:** No adverse effects due to skin contact are expected.**SERIOUS EYE DAMAGE/IRRITATION:** Direct contact with eyes may cause temporary irritation.**RESPIRATORY OR SKIN SENSITISATION:** Not a respiratory sensitizer. This product is not expected to cause skin sensitization.**GERM CELL MUTAGENICITY:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic

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### CARCINOGENICITY

| Chemical Name       | NTP Status | IARC Status |
|---------------------|------------|-------------|
| Silica, Crystalline | 1          | 1           |

**OSHA:** Not Regulated

**NOTES:** Not classifiable as to carcinogenicity to humans.

**REPRODUCTIVE TOXICITY:** This product is not expected to cause reproductive or developmental effects.

**STOT-SINGLE EXPOSURE:** Not classified.

**STOT-REPEATED EXPOSURE:** Not classified.

**ASPIRATION HAZARD:** Not an aspiration hazard.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** The product contains volatile organic compounds which have a photochemical ozone creation potential.

**ECOTOXICOLOGICAL INFORMATION:** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Consult with your state and local hazardous waste requirements or guidelines to ensure compliance. Arrange disposal in accordance with EPA, state and local requirements.

**EMPTY CONTAINER:** Since empties containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not regulated as dangerous goods.

#### AIR (ICAO/IATA)

**SHIPPING NAME:** Not regulated as dangerous goods.

#### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Not regulated as dangerous goods.

### 15. REGULATORY INFORMATION

#### UNITED STATES

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

###### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** Not Regulated

##### CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** Not listed.

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

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### CLEAN AIR ACT

**40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** Not Regulated

**CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS):** Not Regulated

### STATES WITH SPECIAL REQUIREMENTS

| Chemical Name       | Requirements   |
|---------------------|--|
| Silica, Crystalline | New Jersey Right to Know List<br>Pennsylvania Right to Know List<br>Massachusetts Toxic Use Reduction Act (TURA) Reportable Chemical |

**CALIFORNIA PROPOSITION 65:**  **WARNING:** This product can expose you to chemicals including [see table below], which is [are] known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

| Chemical Name       | Wt.%    | Listed   |
|---------------------|---------|----------|
| Silica, Crystalline | 30 - 60 | • Cancer |

**OSHA HAZARD COMM. RULE:** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**SDWA (SAFE DRINKING WATER ACT):** Not Regulated

## 16. OTHER INFORMATION

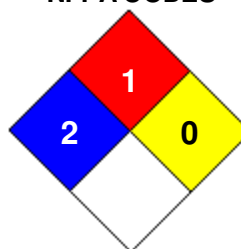
**Date Prepared:** 10/09/2019

**INFORMATION CONTACT:** (281) 397-0033

### HMIS RATING

|                     |   |
|---------------------|---|
| HEALTH              | 2 |
| FLAMMABILITY        | 1 |
| PHYSICAL HAZARD     | 0 |
| PERSONAL PROTECTION | B |

### NFPA CODES



**MANUFACTURER DISCLAIMER:** This document may be used to comply with OSHA's Hazardous Communication Standard, 29 CFR 1910.1200.

To the best of our knowledge, the information contained in this SDS is accurate. It is intended to assist the user in his/her evaluation of the product's hazards and safety precautions to be taken in its use. The data in this SDS relate only to the specific material designated herein. We do not assume liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of ITW Polymers Sealants North America. The data on this sheet relates only to the specific material designated herein. ITW Polymers Sealants North America assumes no legal responsibility for use or reliance upon these data.

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