

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

American Safety Technologies AS-75

SDS No : AST AS-75

Date Issued : 10/09/2019

SECTION 1 : Identification of the substance/preparation and of the company/undertaking**1.1. Product identifier****Product name** : American Safety Technologies AS-75**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet****Manufacturer**ITW Polymers Sealants North America
12055 Cutten Road
Houston, TX 77066**Service Number** : (281) 397-0033**1.4. Emergency telephone number**CHEMTREC (US Transportation): (800) 424-9300
International: (703) 527-3887**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 [CLP]****Health** : Acute Toxicity (Oral), Category 4
Acute Toxicity (Dermal), Category 4
Acute Toxicity (Inhalation), Category 3
Skin Corrosion, Category 2
Serious Eye Damage, Category 1
Target Organ Toxicity (Single exposure), Category 3**Environmental** : Chronic Hazards to the Aquatic Environment, Category 3
Acute Hazards to the Aquatic Environment, Category 2**Physical** : Organic Peroxides, Type D**2.2. Label elements**

The mixture does not meet criteria for classification.

Classification according to Regulation (EC) No 1272/2008 [CLP]**Hazard pictogram(s)****Hazard statement(s)** : H242: Heating may cause a fire.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.
H331: Toxic if inhaled.
H412: Harmful to aquatic life with long lasting effects.**Precautionary statement(s)**

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

American Safety Technologies AS-75

SDS No : AST AS-75

Date Issued : 10/09/2019

- Prevention** : P102: Keep out of reach of children.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P273: Avoid release to the environment.
P270: Do not eat, drink or smoke when using this product.
P220: Keep away from clothing and other combustible materials.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P234: Keep only in original packaging.
P271: Use only outdoors or in a well-ventilated area.
P264: Wash ... thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
- Response** : P311: Call a POISON CENTER/doctor/...
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P302+P352: IF ON SKIN: Wash with plenty of water/...
P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P330: Rinse mouth.
P362+P364: Take off contaminated clothing and wash it before reuse.
- Storage** : P233: Keep container tightly closed.
P403+P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.
P420: Store separately.
P410: Protect from sunlight.
P411: Store at temperatures not exceeding ...°C/...°F.
- Disposal** : P501: Dispose of contents/container to ...

2.3. Other hazards**SECTION 3: Composition / information on ingredients****3.1. Substances**

Not Applicable

3.2. Mixtures

Chemical Name	CAS	EINECS No.	Wt.%	Classification according to Regulation (EC) No 1272/2008 [CLP]
Silica, Crystalline	14808-60-7	238-878-4	30 - 60	Carc., Cat. 1A; STOT SE, Cat. 3; STOT RE, Cat. 1; H350; H335; H372
Calcium Carbonate (limestone)	1317-65-3	207-439-9	10 - 30	Not classified
Acrylic Copolymer	Mixture	Not Applicable	5 - 10	Not classified
Carbon Black	1333-86-4	--	0.1 - 1	Not classified

For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

American Safety Technologies AS-75

SDS No : AST AS-75

Date Issued : 10/09/2019

4.1. Description of first aid measures

General notes	: 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.
Following eyes	: Flush eye with tempered water for 15 minutes lifting upper and lower eye lids occasionally. If irritation persists, contact a physician.
Following skin	: Wash with soap and water. Get medical attention if irritation develops or persists.
Following ingestion	: Rinse mouth. Get medical advice/attention if symptoms occur or you feel unwell.
Following inhalation	: Remove person to fresh air. Seek medical attention if discomfort persists.

4.2. Most important symptoms and effects, both acute and delayed

Eyes	: Direct contact with eyes may cause temporary irritation.
-------------	--

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician	: Treat symptomatically.
---------------------------	--------------------------

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Extinguishing media	: Water Fog, Foam, Dry Chemical Powder, Carbon Dioxide (CO ₂).
----------------------------	--

5.2. Special hazards arising from the substance or mixture

General hazard	: Combustible Liquid.
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 explosion	: No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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.
----------------------	--

6.2. Environmental precautions

Water spill	: Avoid run-off into storm drains, ditches and waterways.
--------------------	---

6.3. Methods and material for containment and cleaning up

Small spill	: Dike area to contain spill. Take precautions as necessary to prevent
--------------------	--

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

American Safety Technologies AS-75

SDS No : AST AS-75

Date Issued : 10/09/2019

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.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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).

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

8.2. Exposure controls

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.

Eye/face protection

: Wear safety glasses with side shields (or goggles).

Skin protection

: Wear chemical resistant, impervious gloves.

Respiratory protection

: 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.

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

American Safety Technologies AS-75

SDS No : AST AS-75

Date Issued : 10/09/2019

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.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	: Liquid
Colour	: White Tint Base, Neutral Tint Base, Safety Yellow, Tile Red, Medium Gray, Black
Odour	: Slight
pH	: Not Available
Melting temperature	: 0.0°C (32.0°F)
Freezing temperature	: Not Available
Boiling temperature	: 100°C (212°F)
Notes	: estimated
Flash point	: > 93.3°C (200°F)
Evaporation rate	: Not Available
Flammable limits	: Not Available to Not Available
Vapor pressure	: Not Available
Vapor density	: Not Available
Density	: 14.84 lbs/gal
Specific gravity	: 1.78
Solubility in water	: Not Available
Viscosity	: Not Available

9.2. Other information

(VOC)	: 42 gr/L
--------------	-----------

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity	: Product is stable and non-reactive under normal conditions of use, storage and transport
-------------------	--

10.2. Chemical stability

Chemical stability	: Stable under normal storage and application conditions.
---------------------------	---

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	: None
Hazardous polymerization	: Product will not undergo polymerization.

10.4. Conditions to avoid

Conditions to avoid	: Avoid temperatures exceeding the flash point. Contact with incompatible
----------------------------	---

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

American Safety Technologies AS-75

SDS No : AST AS-75

Date Issued : 10/09/2019

materials.

10.5. Incompatible materials**Incompatible materials** : Strong oxidizing agents.**10.6. Hazardous decomposition products****Hazardous decomposition products** : No hazardous decomposition products are known.**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute**

Chemical Name	Oral LD ₅₀	Dermal LD ₅₀	Inhalation LC ₅₀
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

Carcinogenicity

Chemical Name	IARC Status
Silica, Crystalline	1

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.

SECTION 12: Ecological information**12.1. Toxicity****Toxicity** : 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.**12.2. Persistence and degradability****12.3. Bioaccumulative potential****12.4. Mobility in soil**

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

American Safety Technologies AS-75

SDS No : AST AS-75

Date Issued : 10/09/2019

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Environmental data : The product contains volatile organic compounds which have a photochemical ozone creation potential.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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.

SECTION 14: Transport information

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical safety assessment

SECTION 16: Other information

Relevant H-statements (number and full text) : Carc., Cat. 1A: Carcinogenicity, Category 1A
STOT RE, Cat. 1: Target Organ Toxicity (Repeated exposure), Category 1
STOT SE, Cat. 3: Target Organ Toxicity (Single exposure), Category 3
H335: May cause respiratory irritation.
H350: May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
H372: Causes damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

Information contact : (281) 397-0033

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.

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

American Safety Technologies AS-75

SDS No : AST AS-75

Date Issued : 10/09/2019
