

**ADVANCED TECHNICAL PRODUCTS SUPPLY CO.**  
Safety Data Sheet

Effective Date: 17/09/2020

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**\*1.1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION \***

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**Manufacturers Identification:**

Advanced Technical Products

6186 Centre Park Drive, West Chester Ohio 45069

Chemical Name: Water based ceramic coating

Product Name: XXXXXXXXXX ATP-641

Product Type: Water based protective coating.

Description: water based protective anti-scale coating

**\*Emergency Telephone No.**

513-851-6858

**\*2.1 Hazardous Identification**

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Signal Word: WARNING

Hazard statement: Irritant (Skin, eye & respiratory tract)

Precautionary Statements: Exposure to dust may irritate eyes, nose and throat.

If in eyes. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Classification (regulation (EC) No 1272/2008)

Not a hazardous substance or mixture. This document has been developed with the exclusive purpose of complying with the obligation of informing the supply chain according to article 32 of the reach regulation, because this material is not classified and does not require a material safety data sheet.

Labeling regulation (EC) No. 1272/2008

Potential Health Effects

Principle routes of exposure: Eye and skin Contact, inhalation and ingestion

Eye Contact: Contact with eyes may cause irritation

Inhalation: Fumes from firing may irritate respiratory tract or lung inflammation.

Ingestion: May irritate digestive tract

Supplementary Precautionary Statements

Avoid breathing vapours/spray and wear protective clothing and gloves

Wash thoroughly after handling

**\*3.1 Composition/Information On Ingredients**

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Component	CAS Number	Weight %
Silicon	7440-21-3	<50%
Water	7732-18-5	>50%

Does not include any lead or lead related product.

**\*4. First Aid Measures**

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**Eyes Contact:** Flush eyes with clean water repeatedly **STORAGE PRESSURE:** Atmospheric

**Skin Contact:** Wash affected areas thoroughly with soap and water. Remove and launder contaminated clothing before reuse. Consult a physician if exposure results in skin complications.

**Inhalation:** Move subject to fresh air. If breathing is labored or difficult give oxygen. If subject is not breathing administer CPR.

**Ingestion:** Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting.

## \*5. Fire Fighting Measures

Flash Point (F)	Not applicable
Auto Ignition Temperature	Not applicable
Explosive Limit	Not applicable
Reactivity with water	Not applicable
Spontaneous Polymerization	Not applicable

### Extinguishing Agents

Product is not flammable; use extinguishing media that is appropriate for the surroundings and situation.

### Personal Protection Equipment

Wear appropriate safety equipment at all times. When fighting fire avoid breathing any smoke.

### Special Procedures

Avoid contact with strong acids, alkali, oxidizing agents.

## 6. Accidental release measures

**Personal precautions:** Wear appropriate protective equipment and clothing during clean-up.

**Spill Cleaning Procedures:** Wear personal protective equipment and use approved spill removal equipment. Dispose of spilled material promptly and properly in accordance with all relevant regulations

### Environmental Precautions

If safe to do so, prevent further spillage and keep all run off and spills from entering municipal sewers or open water sources.

## 7. Handling and Storage

### Handling Procedures

Handle using good industrial hygiene and safety procedures, including the use personal safety equipment and a safe, well-ventilated environment. Avoid contact with skin, eyes and clothing, and do not eat, drink or smoke in areas used for handling or storing this material.

### Storage Conditions

All materials should be stored in a well ventilated, cool dry location. Store all material away from feed or food contact applications and products. Containers should be protected from physical damage and kept sealed.

## \*8 Exposure Control/Personal Protection

Exposure Limit Information	Exposure Limits (TLV) in mg/m <sup>3</sup>	
	OSHA (PEL)	ACGIH (TLV)
Silicon	10mg/m <sup>3</sup>	10mg/m <sup>3</sup>

**Respiratory Protection:**

A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved respirator is required. A particulate with "M" nose clip respirator or equivalent is recommended.

**Eye Protection:**

Safety shields with side shields

**Hand Protection:**

Plastic or Rubber gloves

### 9. Physical and Chemical Properties

Appearance	liquid
Color	dark brown
Odor Characteristic	slight odor
VOC Content	0
Specific Gravity	1.45
Melting Point	2400 F
Boiling Point	water
Solubility in Water	N/A
Evaporation Rate	water

### 10. Stability and Reactivity

**Reactivity:** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Hazardous Decomposition and Reactivity:**

This material is considered nonreactive and inert, however contact with strong acids, alkali and oxidizing agents should be avoided.

### 11. Toxicological Information

**Acute Data**

No toxicity data are available for this formulation. The results of overexposure are based on those for the individual components for this formula.

### \*12. Ecological Information

This material should not be allowed to enter open water sources or municipal sewers.

### 13. Disposal Considerations

Dispose of all contaminated material and empty containers according to all federal, state and local regulations.

### 14. Transport Information

US DOT Hazard Class	Not regulated as dangerous goods
IATA	Not regulated as dangerous goods
IMDG	Not regulated as dangerous goods

### 15. Regulatory Information

**Workplace Classification**

Not regulated under TSCA section 12(b) Export Notification(40 CFR 707, Subpart D)

SARA 313: Not listed

**\*16. Other Information**

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification unless specified in the text. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process.

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