



Product Identifier: Adhesion Products AP-702

SDS ID: AP-702

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

This safety data sheet complies with the requirements of: 29CFR1910.1200

Product identifier:

Product Name: Adhesion Products AP-702

Product Use

Recommended Uses: Exterior Transportation Vehicle, Construction and Building Sealant

Uses Advised Against: For exterior use only. Do not use indoors.

Company Information

Titan Distribution, LLC.
22290 Challenger Drive
Elkhart, IN 46514

EMERGENCY TELEPHONE NUMBER
1-800-255-3924

Section 2 - HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Carcinogenicity

Category 1A

Label Elements

Emergency Overview

Danger

Hazard statements

May cause cancer



Product Identifier: Adhesion Products AP-702

SDS ID: AP-702

Hazard pictograms



Appearance: Viscous
Physical State: Liquid
Odor: Lime

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: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose should be in accordance with applicable local, regional, national and international laws and regulations.

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Very toxic to aquatic life with long lasting effects

Unknown acute toxicity 75.568% of the mixture consists of ingredient(s) of unknown toxicity

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Substance: Mixture

This product is a mixture.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Common Name Sealant and Caulk
Synonyms None



Product Identifier: Adhesion Products AP-702

SDS ID: AP-702

Chemical Nature Aqueous solution

Chemical Name	CAS No.	Weight-%	Trade Secret
Calcium Carbonate	1317-65-3	50 - 60%	*
Diisodecyl Pthalate	68515-49-1	10 - 20%	*
Titanium Dioxide	13463-67-7	0 - 10%	*
Vinyltrimethoxysilane	2768-02-7	0 - 10%	*
Quartz	14808-60-7	0 - 10%	*

Section 4 - FIRST AID MEASURES

Description of first aid measures

- General advice** Under conditions of normal use, no hazards are anticipated which special first aid measures.
- Eye contact** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Skin contact** Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician.
- Inhalation** Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get medical attention immediately.
- Ingestion** Not an expected route of exposure. If swallowed, do not induce vomiting. Get medical attention immediately.
- Self-protection of the first aider** First aider: Pay attention to self-protection!.

Most important symptoms and effects, both acute and delayed

Symptoms May cause skin irritation. May cause eye irritation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5 - FIRE FIGHTING MEASURES

Suitable extinguishing media



Product Identifier: Adhesion Products AP-702

SDS ID: AP-702

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO₂). Sand. Use foam or water FOG as a last resort.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

No information available.

Hazardous combustion products

Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.

Explosion data

Sensitivity to Mechanical Impact

Not sensitive.

Sensitivity to Static Discharge

Not sensitive.

Protective equipment and precautions for firefighters

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

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

No action should be taken involving any personal risk or without suitable training. Use personal protective equipment as required.

Other Information

Extremely slippery when spilled.

For emergency responders

Use personal protection recommended in Section 8.

Environmental Precautions

Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering sewers, drains, or waterways. Local authorities should be advised if significant spillages can not be contained. See Section 12 for additional ecological information.



Product Identifier: Adhesion Products AP-702

SDS ID: AP-702

Methods and material for containment and cleaning up

Methods for containment

Contain spillage with non-combustible absorbent material, e.g. sand, earth, diatomaceous earth, vermiculite.

Methods for cleaning up

Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local / national regulations (see Section 13).

Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations

Section 7 - HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a cool, dry, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition.

Incompatible materials

Strong acids. Strong oxidizing agents.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines

No ACGIH or OSHA PEL is assigned to this mixture. Exposure limits for the component materials are shown below. This product, as supplied, is not believed to contain any hazardous material that exceeds exposure limits established by OSHA.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Carbonate 1317-65-3	-	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
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



Product Identifier: Adhesion Products AP-702

SDS ID: AP-702

Quartz 14808-60-7	TWA: 0.025 mg/m ³ respirable fraction	(vacated) TWA: 0.1 mg/m ³ respirable dust : (30)/(%SiO ₂ + 2) mg/m ³ TWA total dust : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust
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Appropriate engineering controls

Engineering Controls

None under normal outdoor conditions.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin and body protection

Wear protective gloves and protective clothing that is resistant to chemical penetration.

Respiratory protection

No protective equipment is needed under normal use conditions.

General Hygiene Considerations

Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Viscous
Color	Gray, Black, White
Odor	Lime
Odor Threshold	Negligible odor

<u>Property</u>	<u>Values</u>	<u>Remarks - Method</u>
pH	Not Applicable	
Melting point/freezing point applicable. Freezing points are shown.	None / 0 °C note / 32 °F	Melting point is not
Boiling point / boiling range	> NA °C / NA °F	



Product Identifier: Adhesion Products AP-702

SDS ID: AP-702

Flash point	> NA °C / > NA °F	Non Flammable
Evaporation rate	Depends on 1) Temperature 2) Humidity 3) Area of the air- Water surface 4) Air temp. No Information available.	Not applicable
Flammability (solid, gas)	Non Flammable	
Flammability Limit in Air		Not flammable
Upper flammability limit:	Not applicable	
Lower flammability limit:	Not applicable	
Vapor Pressure	2.33 (kPa)	Not applicable
Vapor Density	5.3	Where: Air =1 @ 68 °F
Specific Gravity	1.6	Water = 1 g/ml
Water solubility	Dispersible	
Solubility in other solvents	Soluble in aromatic and aliphatic solvents	
Partition coefficient	No information available	No data available
Autoignition temperature	None °C / None °F	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	Not an explosive	
Oxidizing properties	None	
<u>Other Information</u>		
Softening point	Not applicable	
Molecular weight	No information available	
VOC Content (%)	Less than 10 g/l	
Density	13.2 lb/gal	
Bulk density	Not applicable	

Section 10 - STABILITY AND REACTIVITY

Reactivity

Not applicable

Chemical stability

Stable.

Possibility of Hazardous Reactions

None under normal use.

Hazardous polymerization Hazardous polymerization does not occur.



Product Identifier: Adhesion Products AP-702

SDS ID: AP-702

Conditions to avoid

None known.

Incompatible materials

Strong acids. Strong oxidizing agents.

Hazardous Decomposition Products

Combustion may produce carbon monoxide, carbon dioxide, and other asphyxiants.

Section 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

Inhalation

Avoid breathing vapors or mists.

Eye contact

Avoid contact with eyes..

Skin contact

May cause irritation.

Ingestion

If swallowed, do not induce vomiting. Get medical attention immediately. Not an expected route of exposure.

Component Information

* No significant exposure to Crystalline Silica (Quartz) is thought to occur during the use of products in which Crystalline Silica (Quartz) is bound to other materials, such as in paints and coatings. As one reference, see California Office of Health Hazard Assessment at: http://www.oehha.org/prop65/CRNR_notices/safe_use/sylicasud2.html

The IARC Monograph (Vol 93, 2010, Carbon Black, Titanium Dioxide, Talc) states: "No significant exposure to primary particles of Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints."

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Diisodecyl Pthalate 68515-49-1	> 60000 mg/kg (Rat)	= 16000 mg/kg (Rabbit)	-
Titanium Dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-



Product Identifier: Adhesion Products AP-702

SDS ID: AP-702

Vinyltrimethoxysilane 2768-02-7	= 7340 µL/kg (Rat)	= 3360 µL/kg (Rabbit)	-
Quartz 14808-60-7	= 500 mg/kg (Rat)	-	-

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Can cause skin irritation.
Serious eye damage/eye irritation No information available.
Irritation May cause skin and eye irritation,
Corrosivity Not classified.
Sensitization May cause sensitization of susceptible persons.

Germ cell mutagenicity

This product does not contain any ingredients that cause germ cell mutagenicity.

Carcinogenicity

The table below indicates whether each agency (ACGIH, IARC, NTP, or OSHA) has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

- A1 - Known Human Carcinogen
- A2 - Suspected Human Carcinogen
- A3 - Animal Carcinogen
- A4 - Not Classifiable as a Human Carcinogen

IARC (International Agency for Research on Cancer)

- Group 1 - Carcinogenic to Humans
- Group 2A - Probably Carcinogenic to Humans
- Group 2B - Possibly Carcinogenic to Humans
- Group 3 - Not classifiable as a human carcinogen.

NTP (National Toxicology Program)

- Known - Known Carcinogen
- Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity None known.
Developmental Toxicity None known.
Teratogenicity None known.



Product Identifier: Adhesion Products AP-702

SDS ID: AP-702

STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document For exterior use only. Do not use indoors.

ATEmix (oral) 25,120.00
ATEmix (dermal) 14,188.00

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

70 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Diisodecyl Pthalate 68515-49-1	1.3: 96 h Pseudokirchneriella subcapitata mg/L EC50	0.66: 96 h Pimephales promelas mg/L LC50 static 1: 96 h Pimephales promelas mg/L LC50 flow-through 1: 96 h Oncorhynchus mykiss mg/L LC50 static 0.62: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.55: 96 h Lepomis macrochirus mg/L LC50 static	0.18: 48 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation

No information available

Other Adverse Effects

No information available.

Section 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

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

Contaminated packaging

Do not reuse container.



Product Identifier: Adhesion Products AP-702

SDS ID: AP-702

Section 14 - TRANSPORT INFORMATION

NOTE:	This material is not subject to regulation as a hazardous material for shipping
DOT	Not regulated.
TDG	Not regulated.
MEX	Not regulated
ICAO (air)	Not regulated
IATA	Not regulated.
RID	Not applicable in the United States.
ADR	Not applicable in the United States.
AND	Not applicable in the United States.

Section 15 - REGULATORY INFORMATION

International Inventories

TSCA All of the components of this product are listed on the US TSCA (Toxic Substances Control Act) Inventory or are exempt.

DSL/NDSL All of the components of this product are listed on the DSL.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances 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



Product Identifier: Adhesion Products AP-702

SDS ID: AP-702

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Diisodecyl Pthalate 68515-49-1	-	X	-	-

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive and Liability Act (Cercla) (40 CFR 302)

US State Regulations

California Proposition 65

This product contains Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product contains the following substances regulated by various State Right-to-Know regulations.



Product Identifier: Adhesion Products AP-702

SDS ID: AP-702

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Calcium Carbonate 1317-65-3	X	X	X
Diisodecyl Phthalate 68515-49-1	-	-	X
Titanium Dioxide 13463-67-7	X	X	X
Quartz 14808-60-7	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

Section 16 - OTHER INFORMATION

NFPA Health hazards 1 Flammability 0 Instability 0 Physical & Chemical

HMIS Health hazards 1 Flammability 0 Physical hazards 0 Personal protection –

Issue Date: 02-Feb-2016

Disclaimer

The data contained herein is based upon information that Adhesion Products believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

End of Safety Data Sheet AP-3300