



Product Identifier: Adhesion Products AP-002-5GB

SDS ID: AP-002-5GB

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Product identifier:

Adhesion Products AP-002-5GB

Product Use

Adhesive/Sealant

Company Information

Titan
22290 Challenger Drive
Elkhart, IN 46514

EMERGENCY TELEPHONE NUMBER
1-800-255-3924

Section 2 - HAZARDS IDENTIFICATION

OSHA Regulatory Status: Not hazardous

Hazard Classification: Skin Irritation, Category 3

GHS Signal Word: **WARNING!** This product may promote irritation of the skin or eyes.



Hazard Statements: Causes skin irritation
Causes eye irritation
May cause respiratory irritation

Precautionary Statements: Avoid breathing dust/fume/gas/mist/vapors/spray.
Avoid release to the environment.
Use personal protective equipment as required.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens, if present and easy to do. Continue rinsing.



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Potential Health Effects

| | |
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| Principal Routes of Exposure | Inhalation, skin absorption, eye contact |
| Acute Effects: | |
| Eyes | Contact with eyes may cause irritation. Direct contact with liquid or vapors may cause stinging, tearing, redness, swelling, and eye damage. |
| Skin | May cause skin irritation and /or dermatitis. Prolonged or repeated contact or exposure to vapors may cause redness, burning, and drying and cracking of the skin. |
| Inhalation: | Breathing high concentrations of vapors may cause irritation of the nose and throat or signs of nervous system depression (i.e. – headache, nausea, drowsiness, dizziness, vomiting, loss of coordination and fatigue). |
| Ingestion | Ingestion may cause irritation of the digestive tract, nausea, vomiting, and signs of nervous system depression. |
| Chronic Effects | Avoid repeated exposure. May cause blood damage. Repeated contact may cause allergic reactions in very susceptible persons. |
| Aggravated Medical Conditions | Pre-existing eye, skin, or respiratory disorders may be aggravated by exposure to this product. |

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Designation | CAS No. | % by Weight |
|----------------------|---------|-------------|
|----------------------|---------|-------------|

Section 4 - FIRST AID MEASURES

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| General Advice | Show this safety data sheet to the doctor in attendance |
| Eyes: | Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. If irritation persists, get immediate medical attention. |



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- Skin:** Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash affected areas thoroughly with mild soap. If skin irritation persists, get immediate medical attention.
- Inhalation:** Move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen and get immediate medical attention.
- Ingestion:** Do not induce vomiting – seek immediate medical attention. If vomiting occurs, keep head lower than hips to prevent aspiration.
- Notes to Physician** Treat symptomatically

Section 5 - FIRE FIGHTING MEASURES

- Extinguishing Media:** Carbon dioxide, dry chemicals, foam. Water may be helpful in keeping adjacent containers cool; avoid spreading the liquid with water used for cooling. Water-based sprinkler systems may help contain larger fires.
- Specific Hazards arising from the Chemical** Closed containers may rupture if exposed to fire or extreme heat. May produce toxic fumes if burning.
- Special protective Equipment:** Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 - Accidental Release Measures

- Personal Precautions:** Use personal protective equipment. Remove all sources of ignition.
- Environmental Precautions** Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface



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water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

Methods for Clean-up Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

Other Information None known

Section 7 - HANDLING AND STORAGE

Handling: Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear appropriate personal protective equipment. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from open flames, hot surfaces and sources of ignition.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from extremes of heat or cold. Keep in properly labeled containers.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

NFPA is a Health, Flammability and Reactivity rating: **100B**

4 – SEVERE HAZARD, **3** – SERIOUS HAZARD, **2** – MODERATE HAZARD, **1** – SLIGHT HAZARD, **0** – MINIMAL HAZARD, * – Chronic Hazard

Exposure Limits

| Hazardous Components | OSHA PEL | ACGIH TLV |
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Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eyes/Face: Safety goggles or glasses, or full face shield

Skin: Protective gloves and impervious clothing.

Respiratory Protection: In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions.

Hygiene Practices: Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. When using, do not eat, drink or smoke.

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| Section 9 - PHYSICAL AND CHEMICAL PROPERTIES |
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|-------------------------------|---------------|
| Appearance: | Not available |
| Odor: | Not available |
| Odor Threshold | Not available |
| VOC (g/L) | 0 |
| VOC (g/L) less exempt & water | 0 |
| Non-volatile (wt%) | 38.26 |
| Specific Gravity (g/l) | 1.118 |
| Bulk Density (lb/gal): | 9.31 |
| Solubility in Water | Dispersible |



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pH Not available
Viscosity Not available
Evaporation rate : Slower than nBuAc
Vapor Pressure (mmHg): Not available
Vapor Density : As water
Boiling Point: 212°F [100°C]

Freezing/Melting Point: Not Determined
Flammability (solids): No data
Partition Coefficient (n-octonal/water) No data
Auto-ignition Temp: No data
Decomposition Temp: No data
Explosive Properties: No data
Oxidizing Properties: No data
Flash Point: Not applicable

Flammable Limits: Lower: N/A; Upper:
N/A

Section 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions. Hazardous polymerization does not occur.

Conditions to Avoid: Keep away from open flames, hot surfaces, static electricity and sources of ignition. Avoid extremes of heat or cold.

Materials to Avoid: Incompatible with strong acids and bases, alkali metals, halogens, and strong oxidizing agents.



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Hazardous Decomposition Products: Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide, carbon dioxide, smoke, and other unidentified organic compounds may be formed during combustion.

Possibility of Hazardous Reactions: None under normal conditions of use.

Section 11 - TOXICOLOGICAL INFORMATION

| | | | |
|-------------------------------------|---------|--------------------------|--|
| Reproductive Toxicity: | No data | Acute Toxicity: | No data |
| Mutagenicity: STOT-single exposure: | No data | Irritation: Corrosivity: | No data |
| STOT-repeated exposure: | No data | Sensitisation: | No data |
| Aspiration Hazard: | No data | Typical Routes of Entry: | Inhalation, skin absorption, eye contact |

Chronic Toxicity / Carcinogenicity

The information below indicates whether each agency has listed any ingredient as a carcinogen:

| Component | IARC | NTP | OSHA |
|-----------|------|-----|------|
|-----------|------|-----|------|

Section 12 - ECOLOGICAL INFORMATION

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| Aquatic Toxicity: | |
| Acute and prolonged Toxicity to Fish: | No data |
| Acute Toxicity to Aquatic Invertebrates: | No data |
| Environmental Fate and Pathways: | No data |
| Persistence and Degradability: | No data |
| Bioaccumulative Potential: | No data |
| Mobility in Soil: | No data |
| Other Adverse Effects: | No data |



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Section 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with all applicable local, state, and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Section 14 - TRANSPORT INFORMATION

REGULATION

DESCRIPTION

DOT

Proper Shipping Name
Hazard Class
UN-No
Packing Group

UNREGULATED

ICAO /
IATA

Contact the preparer for further information.

IMDG/IMO

Contact the preparer for further information.

Section 15 - REGULATORY INFORMATION

US TSCA: Yes – All components are listed or exempt

Federal Regulations

SARA 313

Section 313 OF Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). If listed below, this product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.



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| Chemical Designation | Cas No. | Weight % |
|-----------------------------|----------------|-----------------|
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Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61)

| Chemical Designation | Cas No. | Weight % |
|-----------------------------|----------------|-----------------|
|-----------------------------|----------------|-----------------|

State Regulations

California Proposition 65

This product contains the following substance(s) known to the state of California to cause cancer or reproductive harm:

| Chemical Name | CAS Number |
|----------------------|-------------------|
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| Section 16 - OTHER INFORMATION |
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Summary of Changes

New SDS: 1.00 11/11/2015

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 Sheet AP-002-5GB