



# ANCHOR ALLIED FACTORY LTD.

MFG. OF SELF-ADHESIVE TAPES, SILICONE & ACRYLIC SEALANTS, SPRAY PAINTS AND CAR CARE PRODUCTS  
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Issue date: 11.12.2021

Revision No. 00

## MATERIAL SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **ASMACO PRO HY**

MANUFACTURER: ANCHOR ALLIED FACTORY LIMITED

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USE: GENERAL PURPOSE SEALING AND BONDING

### SECTION 2: INGREDIENTS

| INGREDIENTS                   | CAS No.     | % CONTENT |
|-------------------------------|-------------|-----------|
| SILYL TERMINATED POLYURETHANE | Proprietary | 20 – 40   |
| AMORPHOUS SILCA               | 112945-52-5 | 04 – 10   |
| PLASTICIZER                   | 26761-40-0  | 10 – 30   |
| OTHER NON-HAZARDOUS FILLERS   | 203-240-52  |           |
| VINYL TRIMETHOXY SILANE       | 2768-02-7   | <5        |
| OTHER NON-HAZARDOUS ADDITIVES | -           | 0-10      |

### SECTION 3: HAZARDS IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

**Eye Contact:** Moderate Eye Irritation: Signs/symptoms may include redness, tear, but no significant effect.

**Inhalation:** Irritates respiratory passages very slightly. Prolonged contact may cause drying of skin and may result in skin irritation and dermatitis

**Skin Contact:** Generally, not an irritant

**Ingestion:** Low ingestion hazard in normal use. Repeated ingestion or swallowing large amounts may cause internal injury

## SECTION 4: FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

- Eye Contact:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.
- Skin Contact:** Wash affected area with soap and water. If signs/symptoms develop, get medical attention
- Inhalation:** Remove person to fresh air. If signs/symptoms develop, get medical attention.
- If Swallowed:** Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

## SECTION 5: FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

|                            |   |
|----------------------------|---|
| Flammability:              | <i>Non Flammable at ambient condition</i> |
| Auto ignition temperature: | <i>No Data Available</i>                  |
| Flash Point:               | Not applicable                            |
| Flammable Limits – LEL:    | <i>No Data Available</i>                  |
| Flammable Limits – UEL:    | <i>No Data Available</i>                  |

### EXTINGUISHING MEDIA

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide, foam etc water spray).

### PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Water can be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Water may be used to blanket the fire. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: NIL

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precaution: Avoid skin and eye contact. Avoid breathing vapors. Keep container closed.

Environmental Precautions: Do not allow large quantities to enter drains and surface waters

Accidental Release Measures: Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a toxic, corrosive nature or flammability hazard. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and MSDS. Collect the resulting residue containing solvent. Place in a metal container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible.

## SECTION 7: HANDLING AND STORAGE

HANDLING: Keep out of the reach of children. Use with adequate ventilation. Avoid eye contact with vapors. Avoid skin contact. Avoid breathing of vapors and don't take internally. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Avoid contact with oxidizing agents. Exercise good industrial hygiene practice.

STORAGE: Keep container in well-ventilated area. Store out of direct sunlight, heat, and keep away from oxidizing agents. Keep the product closed and store away from water and moisture.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapor, or spray. If ventilation is not adequate, use respiratory protection equipment.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Eye/Face Protection: Avoid eye contact with vapors. The following eye protection(s) are recommended: Safety Glasses with side shields.

Skin Protection: Avoid skin contact. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Chemical protective gloves are recommended. Wash at meal time and the end of the shift. Contaminated clothing should be removed as soon as possible.

Respiratory Protection: Avoid breathing of vapors. No special precaution is required.

Prevention of Swallowing: Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                            |                             |
|----------------------------|-----------------------------|
| Specific Physical Form:    | Paste                       |
| Odor:                      | Mild fruity                 |
| Specific Gravity:          | 1.50 (Approximate)          |
| General Physical Form:     | Thixotropic Gel consistency |
| Auto ignition temperature: | Not determined              |
| Flash Point:               | Not applicable              |
| Flammable Limits - LEL:    | No Data Available           |
| Flammable Limits - UEL:    | No Data Available           |
| Boiling point:             | Not determined              |
| pH:                        | No Data Available           |
| Melting point:             | No Data Available           |
| Solubility in Water:       | Not determined              |
| Evaporation rate:          | No Data Available           |
| Explosive properties:      | No                          |

## SECTION 10: STABILITY AND REACTIVITY

|                           |  |
|---------------------------|--|
| Stability:                | Stable   |
| Conditions to Avoid:      | None   |
| Materials to Avoid:       | Strong oxidizing agents, water moisture, strong acids, alkalis and humid air |
| Additional Information:   | Storage at elevated temperatures will shorten shelf life.                    |
| Hazardous Polymerization: | Hazardous polymerization will not occur.                                     |
| Decomposition Products:   | On decomposition oxides of carbon, hydrogen                                  |

## SECTION 11: TOXICOLOGICAL INFORMATION

|                   |  |
|-------------------|--|
| ACUTE ORAL:       | Remarks: No data available   |
| ACUTE DERMAL:     | Remarks: No data available / may cause dry skin on prolonged contact |
| ACUTE INHALATION: | Remarks: No data available   |
| OTHER:            | Remarks: No data available   |

## SECTION 12: ECOLOGICAL INFORMATION

### ECOTOXICOLOGICAL INFORMATION:

Solid material and insoluble in water. No adverse effects are predicted

### ENVIRONMENTAL EFFECTS:

No adverse effects are predicted and no bioaccumulation potential

## SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of waste product and packing materials in a permitted hazardous waste facility. Local regulation is applicable, consult regulation authorities before disposal.

## SECTION 14: TRANSPORT INFORMATION

Not regulated for transport.

By Road / Rail (RID / ADR): Not restricted

By Sea (IMO/IMDG): Not restricted

By Air (ICAO-IATA): Not restricted

The above regulatory prescription is those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

## SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors: Not applicable

Refer to EPA user guide to the HSNO control regulations for further information

## SECTION 16: OTHER INFORMATION

### DISCLAIMER

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date of issue. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given for implied to practice any patented invention without a license. User is responsible for determining whether the ASMCO product is fit for a particular purpose and suitable for user's method of use or application. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazard inherent in the nature of the product. This product must be stored, handled, and used in compliance with current regulations and laws. Furthermore, the specifications and description herein cannot be used to void a contract.