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Revision No. 01

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **ASMACO ACRYLIC ALL PURPOSE**

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USE: JOINT SEALANT

2. COMPOSITION AND INFORMATION ON INGREDIENTS:

Description: Mixture of substances listed below with nonhazardous additions.

INGREDIENTS	CAS No.	% CONTENT
VINYL COPOLYMER EMULSION	Proprietary	30 - 50
CALCIUM CARBONATE	471-34-1	25 - 30
WATER	7732-18-5	10 -15
OTHER NON-HAZARDOUS INGREDIENTS	-	<10

3. HAZARD IDENTIFICATION:

POTENTIAL HEALTH EFFECTS

Eye Contact: Mild Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Skin Contact: Very Mild Skin Irritation to sensitive persons

Inhalation: Not an inhalation hazard

Ingestion: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, nausea, diarrhea and vomiting.

4. FIRST AID MEASURES:

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

Eye Contact: Make sure to remove contact lenses form eyes before rinsing. Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact:	Wash affected area with soap and water. If signs/symptoms develop, get medical attention.
If Swallowed:	Do not induce vomiting. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get immediate medical attention.

5. FIRE FIGHTING MEASURES:

FLAMMABLE PROPERTIES

Initial Boiling point:	100 °C
Flash Point:	Not Applicable
Flammable Limits – LEL:	Not Applicable
Flammable Limits – UEL:	Not Applicable

EXTINGUISHING MEDIA

In-can wet product unlikely to catch fire. Dried product however may catch fire. Water spray or Carbon dioxide or foam can be effectively used to extinguish fire.

PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures:	No Special procedures required. Unusual Fire and
Explosion Hazards:	Not known

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. Wipe up spilled material. Wash area with mild soap solution before it gets dried.

7. HANDLING AND STORAGE:

HANDLING

Keep out of the reach of children. No special precaution required. Follow appropriate personal and industrial hygiene practices. Use in ventilated area. Avoid eye contact with vapors. Avoid skin contact. Avoid breathing of vapors. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

STORAGE

Keep container in well-ventilated area. Keep container tightly closed. Store out of direct sunlight, heat etc. Store at ambient temperatures below 35°C and do not allow to freeze. Store in original container. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity condition may reduce shelf life by around 30 %. Follow First In First Out strictly. Cartons should always be stacked upright with nozzle tip pointing upwards. Don't stack cartons on their sides. Never stack cartons more than 8 high. Don't store within one meter of roofing of the ware house or storage building.

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: Wear safety glasses
Skin Protection: Normally not required. For extended contact use chemical resistant gloves
Respiratory Protection: Not normally required. Provide adequate ventilation.
Prevention of Swallowing: Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Specific Physical Form: Thixotropic, buttery
Color: White, Cream
Odor: Mild ammonia/ acrylic
Specific Gravity: 1.6
Auto ignition temperature: *Not Applicable*
Flash Point: *Not Applicable*
Flammable Limits - LEL: *Not Applicable*
Flammable Limits - UEL: *Not Applicable*
Initial Boiling point: 100 °C
pH: 9
Melting point: *No Data Available*
Solubility in Water: Disperse in water
Evaporation rate: *No Data Available*
Explosive properties: *No*

10. STABILITY AND REACTIVITY:

Stability: Stable.
Hazardous Polymerization: Hazardous polymerization will not occur.
Decomposition Products: On decomposition, oxides of carbon, hydrogen

11. TOXICOLOGICAL INFORMATION:

R-25, R-43
ACUTE ORAL: Remarks: No data available
ACUTE DERMAL: Remarks: No data available
ACUTE INHALATION: Remarks: No data available
OTHER: Remarks: No data available

12. ECOLOGICAL INFORMATION:

ECOTOXICOLOGICAL INFORMATION R-51
Effect on ozone layer: Not dangerous for ozone layer (1999/45/EC)

13. DISPOSAL CONSIDERATION:

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

14. TRANSPORT INFORMATION:

Note 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 regulation for hazardous materials, it would be advisable to check their validity with your sales office.

Proper shipping name:	Sealants
Class:	Non IMCO

15. REGULATORY INFORMATION:

These types of materials are determined as not being dangerous to supply.

The information in this data sheet does not constitute the user's own assessment of work place risk as required by other safety legislations. The provisions of the Health and Safety at Work Act and Control of Substances Hazardous to Health Regulations apply to use of these products at work.

16. OTHER INFORMATION:

The components of this product are in compliance with the chemical notification requirements of TSCA.

Registration Numbers: These polymers are not concerned by the EINECS inventory. All the other constituents of this product are registered in the EINECS inventory.

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 ASMACO 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 regulation and laws. Furthermore, the specifications and description herein cannot be used to void a contract