



MATERIAL SAFETY DATA SHEET

Revision Date: 12/09/2013
Date Issued: 12/09/2013

ADVANCE® 700-P

I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

TRADE NAME: ADVANCE® 700-P
PRODUCT CLASS: ACRYLIC-STYRENE
CHEMICAL FAMILY: ACRYLIC COPOLYMER
HEALTH: DANGEROUS.

INFORMATION

MANUFACTURER/SUPPLIER: EL NERVION S.A DE C.V.
ALDAMA # 5, SAN. JERÓNIMO TEPETLACALCO,
TLALNEPANTLA, EDO. MÉXICO, 54090
MÉXICO

TELEPHONE: +52 (55) 5361-0207
TELEFAX: +52 (55) 5361-9476

II. COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	COMPONENTS	CAS NUMBER	CONCENTRATION [%]
01	COPOLYMER RESIN ACRYLIC-STYRENE	CONFIDENTIAL	52.00
02	ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	6.18
03	PIGMENT	VARIOUS	18.00
04	PIGMENT CORROSION INHIBITOR	7779-90-0	2.21
05	CALCIUM SILICATE	CONFIDENTIAL	8.00
06	MAGNESIUM SILICATE	CONFIDENTIAL	6.00
07	WATER	7789-20-0	4.00
08	FLASH CORROSION INHIBITOR	CONFIDENTIAL	0.74
09	WIDE RANGE BIOCIDES	26172-55-4	0.74
10	DISPERSANT	ND	1.85
11	ADDITIVE DESAEREANTE	ND	0.44

III. HAZARDS IDENTIFICATION

Emergency Overview

Physical Appearance

Form: Liquid
Colour: Pigmented
Odour: Characteristic
Water solubility: Partially soluble



MATERIAL SAFETY DATA SHEET

Revision Date: 12/09/2013
Date Issued: 12/09/2013

ADVANCE® 700-P

pH: N/A

Potential health effects

OVER-EXPOSURE (prolonged or repeated use): CAN AGGRAVATE OR ACCENTUATE ANY OF THESE EFFECTS.

SKIN (CONTACT AND ABSORPTION): Irritant. May cause drying and irritation of the skin, prolonged and repeated exposure can cause dermatitis.

INHALATION: Irritant. Excessive exposure to vapors or mist is irritating to the respiratory tract.

EYE CONTACT: Irritant. May cause severe eye irritation.

INGESTION: gastrointestinal irritation may occur, you should not induce vomiting and provide immediate medical attention.

PRIMARY ROUTE (S) OF ENTRY: Skin contact, Inhalation, Contact, Ingestion, Eyes.

IV. FIRST AID MEASURES

GENERAL ADVICE

Consult a physician. If breathing has stopped or is labored, give assisted respiration. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

Inhalation

If inhalation of mist or spray, take the affected person and take it to a cool place immediately. Appearance of any inconvenience include severe irritation of the mucus lining of the (nose, throat and eyes), sneezing, coughing and tears flow. In case of persistent discomfort, seek medical attention immediately.

Skin Contact

Immediately remove contaminated clothing, and any chemical odd if possible to do so without delay. Wash immediately with plenty of soap and water for at least 20 minutes. Cover wound with sterile gauze. Remove contaminated clothing and shoes.

Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, or if necessary with an eyewash solution. If you have persistent discomfort, consult an ophthalmologist.

Ingestion

Never give anything to drink to an unconscious person. Malaise If medical attention immediately. **Do not induce vomiting.** If the person vomit and is lying on her back, will be placed in the recovery position, prevent aspiration of vomit, turn the victim's head



MATERIAL SAFETY DATA SHEET

Revision Date: 12/09/2013
Date Issued: 12/09/2013

ADVANCE® 700-P

to the side. If the person is conscious, give to drink two to three glasses of water to dilute material in stomach.

V. FIRE-FIGHTING MEASURES

FLASH POINT: **Not determined**
LOWER EXPLOSIVE LIMIT: **Not applicable**
UPPER EXPLOSIVE LIMIT: **Not applicable**
AUTOIGNITION TEMPERATURE: **not applicable**

SUITABLE EXTINGUISHING MEDIA: alcohol resistant foam, carbon dioxide, dry chemical, water fog (water spray for large fires), dry sand, limestone powder.

SPECIFIC HAZARDS DURING FIRE FIGHTING: none.

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS: Not applicable.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: As in any fire, wear positive pressure apparatus and respirator (MSHA / NIOSH approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may produce carbon monoxide, carbon dioxide.

VI. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear suitable protective clothing, gloves and eye/face. Use self-contained breathing equipment and chemical protective clothing. Evacuate personnel to safer areas.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Ventilate area, remove or remove possible sources of sparks or flame and stir-absorbent inert material.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD.

LARGE SPILL: ELIMINATE ALL IGNITION SOURCES. PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE DIKE AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND CLAY, EARTH, FLOOR ABSORBENT AND SHOVEL INTO CONTAINERS. PREVENT RUN-OFF TO SEWERS, STREAMS OR OTHER, BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED THAT A SPILL HAS OCCURED.



MATERIAL SAFETY DATA SHEET

Revision Date: 12/09/2013
Date Issued: 12/09/2013

ADVANCE® 700-P

WASTE DISPOSAL METHOD:

- **SMALL SPILL:** ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD. ALLOW SUFFICIENT TIME FOR VAPOURS TO COMPLETELY CLEAR HOOD DUCT WORK. DISPOSE OF REMAINING MATERIAL IN ACCORDANCE WITH APPLICABLE REGULATIONS.
- **LARGE SPILLS:** DESTROY BY LIQUID INCINERATION. CONTAMINATED ABSORBENT WAY DEPOSITED IN LANDFILL IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS.

VII. HANDLING AND STORAGE

HANDLING

General Procedures Handling

Tips for safe handling:

- Wear respiratory protection when applying for spray. Ensure adequate ventilation. Use only in well ventilated areas.
- Avoid contact with eyes.
- When using material NOT EAT, DRINK OR SMOKE.

STORAGE

Requirements for storage areas and containers.

Keep containers tightly closed in a cool, dry, well-ventilated area.

Life:

12 months @ 77°F (25°C): After the date of manufacture.

Additional Information:

Keep sealed in its original packaging, do not store in reactive metal containers.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures

Provide for good ventilation if vapours/aerosol are formed.

Personal protective equipment

General protective measures: Avoid contact with eyes and skin.

Hygiene measures: No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift or using the toilet.



MATERIAL SAFETY DATA SHEET

Revision Date: 12/09/2013
Date Issued: 12/09/2013

ADVANCE® 700-P

- Respiratory protection:** Wear appropriate respirator when ventilation is inadequate. In case of formation of vapors/aerosols: respiratory protective equipment, cartridge for organic gases and vapors.
- Hand protection:** Gloves made of butyl (IIR)
Neoprene gloves
The breakthrough time of the selected glove(s) must be greater than the intended use period.
- Eye protection:** Chemical resistant goggles must be worn.
- Protective clothing:** Light protective clothing is required.

IX. PHYSICAL AND CHEMICAL PROPERTIES

- Form:** Liquid
Colour: Pigmented
Odour: Characteristic, lig. ammonia
Water solubility: Insoluble
pH: N/A
Melting temperature: Not applicable
Boiling temperature: Not applicable
Vapour pressure: Not applicable
Flash point: Not determined
Density: 1.2000 - 1.3500 g/cm³
Viscosity : 3,000 - 5,000 cPs (Brookfield)

X. STABILITY AND REACTIVITY

- Thermal decomposition:** Not determined
- Hazardous reactions:** No hazardous reactios known if handled and stored properly the material.
- Hazardous Polymerization:** Not
- Stability:** This product is stable under normal conditions storage.
- Hazardous decomposition products (BY FIRE, BURN OR WELDING):** Carbon dioxide (CO₂), carbon monoxide (CO).
- Materials to avoid:** none
- Conditions to Avoid:** Not applicable



MATERIAL SAFETY DATA SHEET

Revision Date: 12/09/2013
Date Issued: 12/09/2013

ADVANCE® 700-P

XI. TOXICOLOGICAL INFORMATION

LD50 (ACUTE ORAL TOX) : No data available for this product.
LC50 (ACUTE INHALATION TOX) : No data available for this product.
EFFECTS OF CHRONIC EXPOSURE : No data available for this product.
CARCINOGENICITY : No data available for this product.
REPRODUCTIVE TOXICITY : No data available for this product.
TERATOGENICITY : No data available for this product.
MUTAGENICITY : No data available for this product.

XII. ECOLOGICAL INFORMATION

No ecotoxicological studies are available. The product is considered a water pollutant. Do not allow to enter the soil, water or sewage. According to the provisions of the Ministry of Environment and Natural Resources in air, water, soil and waste.

XIII. DISPOSAL CONSIDERATIONS

The arrangement shall be in accordance with federal environmental control laws, state and local existents. Incineration is the preferred method.

Provision of products and requirements for disposal : In accordance with local standards.

Contaminated Packaging : Empty containers with product residues; observe all precautions for the product. Containers / packaging **can be emptied for recycling.**

XIV. TRANSPORT INFORMATION

Regard to transport general communication pathways land and related support services in relation to the regulations for the inland transport of hazardous materials and wastes, the Secretariat of Communications and Transport:

DOT (LAND TRANSPORT)
Shipping name: Advance® 700-P
Class: Not considered hazardous for transport purposes (1)
UN NUMBER/No. ID: Not applicable
Packing Group: Not applicable

Further information: No hazardous



MATERIAL SAFETY DATA SHEET

Revision Date: 12/09/2013
Date Issued: 12/09/2013

ADVANCE® 700-P

IATA/ICAO (AIRCRAFT)

Shipping name:	Advance® 700-P
Class:	Not considered hazardous for transport purposes (1)
UN NUMBER/No. ID:	Not applicable
Packing Group:	Not applicable

Further information: No hazardous

IMDG/IMO (SHIPPING)

Shipping name:	Advance® 700-P
Class:	Not considered hazardous for transport purposes (1)
UN NUMBER/No. ID:	Not applicable
Packing Group:	Not applicable

Further information: No hazardous

(1)NOM-002-SCT-2003 Column 5 "Special Provisions", warning that paints are not considered within class 3 (flammable liquid) or class 8 (corrosive), are not subject to the provisions for the Transport of Materials and Wastes.

XV. REGULATORY INFORMATION

Federal Regulations of the United States

Standard classification Hazard	Not applicable
Communication OSHA:	

XVI. OTHER INFORMATION

NFPA RATINGS 704M

HEALTH:	1
FLAMMABLE:	1
REACTIVITY:	0
OTHER:	G

HMIS RATING

HEALTH:	1
FLAMMABILITY:	1
PHYSICAL HAZARD:	0

0 = Insignificant
 1 = Slight
 2 = Moderate
 3 = High
 4 = Extreme

0 = Insignificant
 1 = Slight
 2 = Moderate
 3 = High
 4 = Extreme
 * = Chronic Hazard for Health.



MATERIAL SAFETY DATA SHEET

Revision Date: 12/09/2013

Date Issued: 12/09/2013

ADVANCE® 700-P

AND ALL THIS INFORMATION IS FURTHER TECHNICAL ADVICE BASED ON CURRENT KNOWLEDGE AND EXPERIENCE SA DE CV NERVION BELIEVED TO THIS INFORMATION IS ACCURATE TO THE DATE OF PUBLICATION BY THE BEST KNOWLEDGE OF NERVION SA DE CV THE INFORMATION PROVIDED IS INTENDED ONLY AS A GUIDE FOR SAFETY, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND DOWNLOAD AND NOT TO BE CONSIDERED AS A GUARANTEE OR SPECIFICATION OF QUALITY. INFORMATION REFERRED TO IN SPECIFIC DESIGNATED MATERIAL AND IS NOT VALID FOR SUCH MATERIALS USED IN COMBINATION WITH ANY OTHER MATERIALS OR PROCESS UNLESS SPECIFIED IN THIS INFORMATION COME. RESPONSIBILITY AND LIABILITY IS THE CUSTOMER'S inspection and testing RECEIVE ANY PRODUCT. HOWEVER, SA DE CV NERVION ASSUMES NO LIABILITY WHATSOEVER FOR THE USE OF CONFIDENCE DO THIS INFORMATION HDS.

<End OF HDS>