

API-PSA 35

Section 1. Product and Company Identification

Product Name:	API-PSA 35
Chemical Name/Family:	Methyl Polysiloxane Emulsion
CAS No.:	Mixture
Product Use:	Pressure Sensitive Adhesive
Restrictions:	Industrial Use Only
Company:	Advanced Polymer.
Address:	400 Paterson Plank Road Carlstadt, NJ 07072 U.S.A.
Telephone:	201-933-0600
Fax:	201-933-8442
24 Hour Emergency Number	800-424-9300
24 Hour Chemtrec Number	800-424-9300

Section 2. Hazards Identification

GHS Classification:

Flammable liquids	Category 2
Serious eye damage/eye irritation	Category 2A
Aspiration hazard	Category 1
Skin corrosion/irritation	Category 2
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Specific target organ toxicity (single exposure)	Category 3, Narcotic effects
Reproductive toxicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 2
Hazardous to the aquatic environment (chronic hazard)	Category 3

GHS Label:



Symbol:

Signal Word: **Danger**

Hazard Classification:

Hazard Statement:

Highly flammable liquid and vapour
Causes serious eye irritation
May be fatal if swallowed and enters airways
Causes skin irritation
May cause genetic defects
May cause cancer
May cause drowsiness or dizziness
Suspected of damaging fertility or the unborn child
May cause damage to organs through prolonged or repeated exposure
Harmful to aquatic life with long lasting effects

Precautionary Statement:**Prevention**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wear protective gloves/protective clothing/eye protection/face protection.
Wash hands and contaminated skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
Do not breathe dust/fume/gas/mist/vapours/spray. *
Avoid release to the environment.

Response

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

In case of fire: Use water spray, alcohol foam resistant foam, dry chemical or carbon dioxide for extinction.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Call a POISON CENTER or doctor/physician if you feel unwell.

Specific treatment (see supplemental first aid instructions on this SDS).

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF exposed or concerned: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

Storage

Store in a well-ventilated place. Keep cool.

Store locked up.

Keep container tightly closed.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards: None.

Section 3. Hazardous Composition/Information on Ingredients

Ingredients	CAS No.	Percent (%)
Solvent naphtha (petroleum), light aromatic	24742-95-6	25.0 – 35.0
Toluene	108-88-3	7.5 – 12.0
Xylene	1330-20-7	1.5 – 3.0
Non-ionic surfactant	Trade Secret	1.0 – 5.0

Section 4. First Aid Measures

Skin Contact:	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed or concerned: Get medical advice/attention.
Ingestion:	Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Section 5. Firefighting Measures

Specific Hazards in Case of Fire:	Highly flammable liquid and vapour. Adequate ventilation must be maintained to minimize accumulation of flammable solvents.
Fire Extinguishing Media:	Use water spray, alcohol foam resistant foam, dry chemical or carbon dioxide for extinction.
Unsuitable Extinguishing Media:	None known.
Special Protective Equipment and Precaution for Firefighters:	Evacuate personnel to safe areas. Wear self-contained breathing apparatus and appropriate full protective equipment. Move containers from area of the fire if this can be done without risk. Cool fire-exposed containers with water. Do not allow run-off from fire-fighting to enter drains or water courses.
Unusual Fire & Explosion Hazards:	None

Section 6. Accidental Release Measures

Personal Precautions:	Evacuate personnel to safe area. Ensure cleanup is done only by trained personnel. Avoid contact with eyes and skin. Avoid inhaling mists and vapours. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Use explosion-proof electrical/ventilating/lighting equipment.
Protective Equipment:	Wear personal protective equipment. Ventilate area and exhaust vapours.
Environmental Precautions:	Do not discharge to streams, ponds, lakes or sewers. Prevent from entering drains or being released into the environment.
Methods and Materials for Containment and Cleaning up:	Soak up with sawdust, sand, oil dry or other absorbent material. Contain spilled material and vacuum or shovel into labeled containers for disposal.

Section 7. Handling and Storage

Handling Conditions:	Avoid contact with skin, eyes and clothing. Do not breathe vapors, mist or gas. Wash hands thoroughly after handling. Do not spray near open flame or heated surface. **Agitate thoroughly before use** Avoid formation of aerosols.
Storage Conditions:	Store at temperatures between 40°F (4.4°C) to 110°F (43.3°C). Store in a tightly closed container. Store in a well ventilated area. Store away from oxidizing agents, sources of heat, direct sunlight or rain. No smoking in area of storage. Agitate contents of container before using. *** WARNING - PROTECT FROM FREEZING *** In the cold months, a freeze indicator is attached to this shipment (one indicator per pallet). If the bulb on the indicator is not clear, this shipment was exposed to temperatures below 32°F (0°C). Perishable if frozen. If product is exposed, product quality testing should be performed before accepting the shipment.

Section 8. Exposure Control/Personal Protection

Exposure Limits:	None established.
Appropriate engineering controls:	Adequate ventilation must be used during application. Use suitable local exhaust to remove mists or vapors during spray or other applications.
Personal protective equipment:	
Respiratory Protection:	Wear respirator where spraying or vaporizing occurs. A NIOSH approved air purifying respirator is recommended if overexposure to dusts, mists, or vapors could occur.

Hand Protection:	Wear protective gloves.
Eye Protection:	Wear safety glasses with side shields or goggles.
Skin and Body Protection:	Rubber apron, boots or coveralls as necessary to prevent skin contact.
Other Protective Equipment:	Eyewash station and safety shower.
Hygiene Measures:	Wash hands thoroughly after use.

Section 9. Physical and Chemical Properties

Physical State:	Viscous Liquid Emulsion
Color:	Milky white
Odor:	Aromatic solvent
Odor Threshold:	N.D.
pH:	N.D.
Specific Gravity (77°F):	1.0
% Volatile:	74
% Non-Volatile:	26
% VOC:	N.D.
Melting Point:	N.D.
Freezing Point:	N.D.
Boiling point:	~212°F
Flash Point:	8.8°C (48°F) CC
Evaporation Rate (BuAc=1):	N.D.
Flammability:	N.D.
Explosion Limits:	N.D.
Vapor Pressure (mmHg):	N.D.
Vapor Density (Air=1):	N.D.
Solubility:	Miscible in water
Viscosity:	N.D.
Thermal Decomposition Temperature:	N.D.

Section 10. Stability and Reactivity

Chemical Stability:	Stable under normal temperature and pressure.
Hazardous Polymerization:	None
Conditions to Avoid:	Heat, sparks and any sources of ignition. PROTECT FROM FREEZING.
Incompatible Materials:	Avoid contact with strong oxidants, halogenated compounds and inorganic nitrates.
Hazardous Decomposition Products:	In case of fire situation, carbon dioxide, silicon dioxide, carbon monoxide and toxic vapors.

Section 11. Toxicological Information

Primary Routes of Entry:

Eye:	Yes	Skin:	Yes	Inhalation:	Yes	Ingestion:	Yes
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Potential Health Effects:

Inhalation Harmful if inhaled.
 Ingestion: May be fatal if swallowed and enters airways.
 Skin: Harmful in contact with skin.
 Eyes: May cause eye irritation.

Signs and Symptoms of Exposures:

Acute Toxicity: Toluene : LD50 (Oral – Rat) - 616 mg/kg
 Xylene : LD50 (Oral - Rat) – 430 mg/kg
Chronic Toxicity: Toluene may cause nervous disturbances.
 Xylene may produce adverse effect on bone marrow.
Skin corrosion/irritation: Toluene (Skin – Rabbit) : Skin irritation - 24 h
Mutagenicity: Toluene (Rat) : Liver, DNA damage

Carcinogenicity:

IARC:	Toluene: 3 Xylene: 3	NTP:	No	OSHA:	No
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Section 12. Ecological Information

Ecotoxicity (Aquatic and Terrestrial): No information available
Bioaccumulative Potential No information available
Mobility in Soil: No information available
PBT and vPvB Assessment: No information available
Other Adverse Effects: No information available

Section 13. Disposal Considerations

Product: As in accordance with EPA, state and local regulations. Do not dump this product into sewers, on the ground or into any body of water. Dispose according to State and Federal Laws.
Disposing of Contaminated Packaging: Treat as unused product as above.

Section 14. Transport Information

Land Transport (DOT):

UN Number: UN1993
 UN Proper Shipping Name: Flammable Liquids, n.o.s.
 Transport Hazard Class: 3
 Packing Group: II

Sea Transport (IMDG):

UN Number: UN1993
 UN Proper Shipping Name: Flammable Liquid, n.o.s. (contains Toluene)
 Transport Hazard Class: 3
 Packing Group: II

Air Transport (IATA):

UN Number: UN1993
 UN Proper Shipping Name: Flammable Liquid, n.o.s.
 Transport Hazard Class: 3

Packing Group: II
 Environmental Hazards (e.g., Marine pollutant): Yes

Section 15. Regulatory Information

International Inventories:

TSCA (USA):	Listed
DSL (Canada):	No information available
ENCS (Japan)	No information available
REACH (Europe):	No information available
IECSC (China):	No information available
KECL (Korea):	No information available
PICCS (Philippines):	No information available
AICS (Australia):	No information available
ERMA (New Zealand):	No information available

Federal Regulations:

SARA 313:	Toluene (CAS # 108-88-3) Xylene (CAS # 1330-20-7)
SARA 311/312:	Fire: Yes Acute : Yes Chronic : Yes
Clean Water Act:	No information available
Clean Air Act, Section 112 HAPs (See 40CFR61):	No information available

State Regulations:

Massachusetts Right to Know Components:	Toluene (CAS # 108-88-3) Xylene (CAS # 1330-20-7)
New Jersey Right to Know Components:	Toluene (CAS # 108-88-3) Xylene (CAS # 1330-20-7)
Pennsylvania Right to Know Components:	Toluene (CAS # 108-88-3) Xylene (CAS # 1330-20-7)
California Proposition 65:	Toluene (CAS # 108-88-3)

Section 16. Other Information

WHMIS Classification: No information available

HMIS Rating:

Health Hazard	2
Flammability:	4
Physical Hazard:	0
Personal Protection Equipment:	X

NFPA Rating

Health Hazard:	2
Fire Hazard:	4
Reactivity Hazard:	0

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Prepared By Advanced Polymer.



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