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Safety Data Sheet

AM865 PLASTICS ADHESION PROMOTER

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Version: 4.1

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(30230637/SDS_GEN_US/EN)

1. Identification

Product identifier used on the label

AM865 PLASTICS ADHESION PROMOTER

Recommended use of the chemical and restriction on use

Recommended use*: Paints, Coatings and Related Materials; for industrial use only

Unsuitable for use: Not intended for sale to or use by the general public.

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

Synonyms: Paint

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

STOT SE	3 (Vapours may cause drowsiness and dizziness.)	Specific target organ toxicity — single exposure
STOT RE	2	Specific target organ toxicity — repeated exposure
Aquatic Acute	3	Hazardous to the aquatic environment - acute
Aquatic Chronic	3	Hazardous to the aquatic environment - chronic
Flam. Aerosol	1	Flammable aerosols

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Flam. Aerosol

1

Flammable aerosols

Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

H222 Extremely flammable aerosol.
H229 Pressurized container: May burst if heated.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs (Central nervous system, Liver, Kidney, Auditory organ) through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251 Do not pierce or burn, even after use.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P260 Do not breathe dust or mist.
P211 Do not spray on an open flame or other ignition source.
P271 Use only outdoors or in a well-ventilated area.

Precautionary Statements (Response):

P312 Call a POISON CENTER or physician if you feel unwell.
P314 Get medical advice/attention if you feel unwell.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Precautionary Statements (Storage):

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P405 Store locked up.

Precautionary Statements (Disposal):

P501 Dispose of contents and container to hazardous or special waste collection point.

Hazards not otherwise classified

No applicable information available.

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

ethylbenzene

CAS Number: 100-41-4

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Content (W/W): ≥ 0.3 - $< 1.0\%$

Synonym: Ethylbenzene

chlorobenzene

CAS Number: 108-90-7

Content (W/W): ≥ 0.3 - $< 1.0\%$

Synonym: Monochlorobenzene; MCB, Chlorobenzene

n-Butyl acetate

CAS Number: 123-86-4

Content (W/W): ≥ 25.0 - $< 50.0\%$

Synonym: n-Butyl acetate

Xylene

CAS Number: 1330-20-7

Content (W/W): ≥ 1.0 - $< 3.0\%$

Synonym: Xylene; Dimethylbenzene

4. First-Aid Measures

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air. If breathing difficulties develop, aid in breathing and seek immediate medical attention.

If on skin:

Immediately wash thoroughly with soap and water, seek medical attention.

If in eyes:

Flush with copious amounts of water for at least 15 minutes. Hold eyelids open to facilitate rinsing. If irritation develops, seek medical attention. Seek medical attention.

If swallowed:

Immediate medical attention required. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Do not induce vomiting. Rinse mouth and then drink 200-300 ml of water.

Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

Information on: Xylene

Symptoms: Overexposure may cause: coma, weakness, lethargy, confusion, dyspnea, nausea, headache, dizziness

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Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
carbon dioxide, foam, dry powder, water spray

Unsuitable extinguishing media for safety reasons:
water jet

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
Vapors and/or decomposition products are irritant and/or toxic. If product is heated above decomposition temperature acrid smoke and fumes will be released. Aerosol container contains flammable gas under pressure.

Advice for fire-fighters

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Notify proper authorities. Do not flood burning material with water due to potential spreading of fire. Flash fire may occur. Run-off water from fire may cause pollution. Contain contaminated water/firefighting water. Remove product from areas of fire, or otherwise cool sealed containers with water in order to avoid pressure build up due to heat. Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Avoid prolonged inhalation. Wear suitable personal protective clothing and equipment. Ensure adequate ventilation.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

A spill of or in excess of the reportable quantity requires notification to state, local and national emergency authorities.

Methods and material for containment and cleaning up

Dike spillage. Spills should be contained, solidified, and placed in suitable containers for disposal. Place into appropriately labeled waste containers.

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7. Handling and Storage

Precautions for safe handling

Handle and open container with care. WARNING: Empty containers may still contain hazardous residue. Do not puncture, drop, or slide containers. Ensure adequate ventilation. Avoid contact with the skin, eyes and clothing.

Proper ventilation and respiratory protection is required when sanding, flame cutting, welding or brazing coated surfaces. Do not apply to hot surfaces.

Protection against fire and explosion:

Risk of explosion if heated under confinement. Sealed containers should be protected against heat as this results in pressure build-up.

Conditions for safe storage, including any incompatibilities

Segregate from strong bases. Segregate from oxidizing agents. Segregate from incompatible substances. Do not expose to temperatures exceeding 50°C/ 122°F. Segregate from strong acids.

Further information on storage conditions: Keep container tightly closed. Protect from direct sunlight.

Storage stability:

Consult local fire marshal for storage requirements.

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

ethylbenzene	OSHA PEL	PEL 100 ppm 435 mg/m ³ ; TWA value 100 ppm 435 mg/m ³ ; STEL value 125 ppm 545 mg/m ³ ;
	ACGIH TLV	TWA value 20 ppm ;
chlorobenzene	OSHA PEL	PEL 75 ppm 350 mg/m ³ ; TWA value 75 ppm 350 mg/m ³ ;
	ACGIH TLV	TWA value 10 ppm ;
n-Butyl acetate	OSHA PEL	PEL 150 ppm 710 mg/m ³ ; STEL value 200 ppm 950 mg/m ³ ; TWA value 150 ppm 710 mg/m ³ ;
	ACGIH TLV	STEL value 150 ppm ; TWA value 50 ppm ;
Xylene	OSHA PEL	PEL 100 ppm 435 mg/m ³ ; TWA value 100 ppm 435 mg/m ³ ; STEL value 150 ppm 655 mg/m ³ ;
	ACGIH TLV	TWA value 100 ppm ; STEL value 150 ppm ;

Advice on system design:

General mechanical ventilation should comply with OSHA 1910.94.

Provide local exhaust ventilation to maintain recommended P.E.L.

Personal protective equipment

Respiratory protection:

Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination. Wear a NIOSH-certified (or equivalent) organic vapour respirator. Particulate filters should be added during spray operations. Wear respiratory protection if ventilation is inadequate.

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Observe OSHA regulations for respirator use (29 CFR 1910.134).

Hand protection:

Use appropriate chemically impervious gloves as determined by an evaluation of glove performance characteristics and the hazards and potential hazards identified, including but not limited to butyl, natural and synthetic rubber, nitrile, or neoprene.

Eye protection:

Wear face shield if splashing hazard exists. Tightly fitting safety goggles (chemical goggles).

Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Work place should be equipped with a shower and an eye wash. Remove contaminated clothing. Remove contaminated clothing immediately and clean before re-use or dispose it if necessary. Contact lenses should not be worn. Hands and/or face should be washed before breaks and at the end of the shift.

9. Physical and Chemical Properties

Form:	aerosol	
Odour:	solvent-like	
Odour threshold:	No applicable information available.	
Colour:	colourless	
pH value:	No applicable information available.	
Melting point:	No applicable information available.	
Freezing point:	No applicable information available.	
Boiling range:	No applicable information available.	
Sublimation point:	No applicable information available.	
Flash point:	-18 °C	
	No applicable information available.	
	No applicable information available.	
Flammability:	No applicable information available.	
Lower explosion limit:	No applicable information available.	
Upper explosion limit:	No applicable information available.	
Autoignition:	No applicable information available.	
Vapour pressure:	No applicable information available.	
Density:	0.7600 g/cm ³	(calculated)
	(20 °C)	
	6.3422 lb/USg	(calculated)
Relative density:	0.7600	
	(20 °C)	
Vapour density:	No applicable information available.	
Partitioning coefficient n-octanol/water (log Pow):	No applicable information available.	
Thermal decomposition:	No applicable information available.	
Viscosity, dynamic:	No applicable information available.	
Viscosity, kinematic:	No applicable information available.	
Solubility in water:	No applicable information available.	
Solubility (quantitative):	No applicable information available.	
Solubility (qualitative):	No applicable information available.	
Molar mass:	No applicable information available.	
Evaporation rate:	No applicable information available.	

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10. Stability and Reactivity

Reactivity

No applicable information available.

Chemical stability

The product is chemically stable.

Possibility of hazardous reactions

No applicable information available.

Conditions to avoid

Incompatible materials

strong oxidizing agents, strong bases, strong acids

Hazardous decomposition products

Decomposition products:

carbon dioxide, carbon monoxide

Thermal decomposition:

No applicable information available.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Primary routes of entry

Solvents are absorbed through the skin.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: ethylbenzene

Assessment of acute toxicity: Of moderate toxicity after short-term inhalation. Virtually nontoxic after a single skin contact. Of low toxicity after single ingestion.

Information on: chlorobenzene

Assessment of acute toxicity: Virtually nontoxic after a single skin contact. Of moderate toxicity after short-term inhalation. Of low toxicity after single ingestion.

Information on: Xylene

Assessment of acute toxicity: Of low toxicity after single ingestion. Of low toxicity after short-term inhalation. Virtually nontoxic after a single skin contact. The European Union (EU) has classified this substance as 'harmful' after inhalation. The European Union (EU) has classified this substance as 'harmful' after dermal exposure. High concentrations in the air may cause narcosis.

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Assessment other acute effects

Assessment of STOT single:

Possible narcotic effects (drowsiness or dizziness).

Irritation / corrosion

Assessment of irritating effects: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: ethylbenzene

Assessment of irritating effects: May cause slight irritation to the skin. May cause slight irritation to the eyes.

Information on: chlorobenzene

Assessment of irritating effects: Irritating to eyes and skin.

Information on: n-Butyl acetate

*Assessment of irritating effects: Not irritating to the skin. Not irritating to the eyes.
Not irritating to the skin. May cause slight irritation to the eyes.*

Information on: Xylene

Assessment of irritating effects: Skin contact causes irritation. Eye contact causes irritation.

Sensitization

Assessment of sensitization: No applicable information available.

Aspiration Hazard

No applicable information available.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated exposure may affect certain organs.

Information on: ethylbenzene

Assessment of repeated dose toxicity: The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The substance may cause deafness after repeated inhalation. The substance may cause deafness after repeated ingestion.

Information on: chlorobenzene

Assessment of repeated dose toxicity: The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.

Information on: n-Butyl acetate

Assessment of repeated dose toxicity: After repeated exposure the prominent effect is local irritation.

Information on: Xylene

Assessment of repeated dose toxicity: Overexposure may cause liver and kidney toxicity. Repeated exposure may affect certain organs. Damages the central nerve system. The substance can cause changes in the following organs after repeated exposure to large quantities: Liver Kidney

Genetic toxicity

Assessment of mutagenicity: No applicable information available.

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Carcinogenicity

Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: ethylbenzene

Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. The effect is caused by an animal specific mechanism that has no human counter part. A clear indication of an increased risk of cancer in humans has so far not been shown. IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).

Reproductive toxicity

Assessment of reproduction toxicity: No applicable information available.

Teratogenicity

Assessment of teratogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: chlorobenzene

Assessment of teratogenicity: No indications of a developmental toxic / teratogenic effect were seen in animal studies. Literature data.

12. Ecological Information

No applicable information available.

13. Disposal considerations

Waste disposal of substance:

Do not incinerate closed containers. The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste. Do not discharge into drains/surface waters/groundwater.

Incinerate or dispose of in a RCRA-licensed facility. Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal:

WARNING: Empty containers may still contain hazardous residue. Facility must be capable of handling empty aerosol cans. Do not cut, puncture, crush, or incinerate empty aerosol containers. Dispose of in accordance with national, state and local regulations.

14. Transport Information

Land transport

USDOT

Hazard class:	2.1
ID number:	UN 1950
Hazard label:	2.1
Proper shipping name:	AEROSOLS

Sea transport

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IMDG

Hazard class: 2.1
ID number: UN 1950
Hazard label: 2.1
Marine pollutant: NO
Proper shipping name: AEROSOLS

Air transport

IATA/ICAO

Hazard class: 2.1
ID number: UN 1950
Hazard label: 2.1
Proper shipping name: AEROSOLS, FLAMMABLE

15. Regulatory Information

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product.

EPCRA 313:

<u>CAS Number</u>	<u>Chemical name</u>
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100-41-4	ethylbenzene
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1330-20-7	Xylene
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State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
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NJ	100-41-4	ethylbenzene
	115-10-6	dimethyl ether
	123-86-4	n-Butyl acetate
	1330-20-7	Xylene
PA	115-10-6	dimethyl ether
	123-86-4	n-Butyl acetate
	1330-20-7	Xylene

Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

WARNING: This product can expose you to chemicals including ETHYLBENZENE, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

NFPA Hazard codes:

Health: 2 Fire: 4 Reactivity: 0 Special:

HMIS III rating

Health: 2⁺ Flammability: 4 Physical hazard: 0

16. Other Information

SDS Prepared by:

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BASF NA Product Regulations
SDS Prepared on: 2020/03/30

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