



Post Apple Scientific, Inc.
8893 Gulf Rd., North East, PA 16428-4298
Emergency Phone Number: 1-800/424-9300

Material Safety Data Sheet
Mounting Medium

ACC# C5518

Section 1 - Chemical Product and Company Identification

MSDS Name: Mounting Medium Xylene

Catalog Numbers: C5518

Synonyms: None.

Company Identification:

Post Apple Scientific, Inc.

8893 Gulf Rd

North East, PA 16428

For information, call: 814-725-3330

For CHEMTREC assistance, call: 800-424-9300

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
68240-09-5	Polyterpene hydrocarbon resin	40	unlisted
1330-20-7	Xylene	60	215-535-7

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Appearance: slightly yellow liquid. Flash Point: 26.1 deg C.

Warning! Vapor harmful. Harmful or fatal if swallowed. Flammable liquid and vapor. May be absorbed through intact skin. May cause irritation.

Aspiration hazard if swallowed. Can enter lungs and cause damage. May cause central nervous system depression. May cause liver and kidney damage. May cause reproductive and fetal effects.

Target Organs: Kidneys, central nervous system, liver, spleen.

Potential Health Effects

Eye: May cause severe eye irritation.

Skin: Prolonged and/or repeated contact may cause irritation and/or dermatitis. Exposure may cause irritation characterized by redness, dryness, and inflammation. May be absorbed through the skin.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and

diarrhea. May cause liver and kidney damage. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal. Possible aspiration hazard.

Inhalation: Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. Prolonged exposure may result in dizziness and general weakness. Irritation may lead to chemical pneumonitis and pulmonary edema.

Chronic: Chronic exposure to organic solvents has been associated with various neurotoxic effects including permanent brain and nervous system damage. Prolonged or repeated skin contact may cause defatting and dermatitis.

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: If breathing is difficult, give oxygen. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors can travel to a source of ignition and flash back. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Flammable Liquid. Can release vapors that form explosive mixtures at temperatures above the flashpoint. Use water spray to keep fire-exposed containers cool. Liquid will float and may reignite on the surface of water.

Extinguishing Media: Use water spray to cool fire-exposed containers. Water may be ineffective. Use water spray, dry chemical, carbon dioxide, or chemical foam.

Flash Point: 26.1 deg C (78.98 deg F)

Autoignition Temperature: Not applicable.

Explosion Limits, Lower:1.1

Upper: 6.6

NFPA Rating: (estimated) Health: 2; Flammability: 3; Instability: 0

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Remove all sources of ignition.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale.

Storage: Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Polyterpene hydrocarbon resin	none listed	none listed	none listed
Xylene	100 ppm TWA; 150 ppm STEL	none listed	100 ppm TWA; 435 mg/m ³ TWA

OSHA Vacated PELs: Polyterpene hydrocarbon resin: No OSHA Vacated PELs are listed for this chemical. Xylene: 100 ppm TWA; 435 mg/m³ TWA

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Appearance: slightly yellow

Odor: Not available.
pH: Not available.
Vapor Pressure: 9 @25mm Hg
Vapor Density: 3.7
Evaporation Rate:Not available.
Viscosity: Not available.
Boiling Point: 138.3 deg C
Freezing/Melting Point:Not available.
Decomposition Temperature:Not available.
Solubility: Negligible in water.
Specific Gravity/Density: 1
Molecular Formula:Not applicable.
Molecular Weight:Not available.

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: High temperatures, ignition sources.
Incompatibilities with Other Materials: Xylene is incompatible with oxidants, acetic acid, 1,3-dichloro-5,5-dimethyl-2,4-imidazolidindione, nitric acid, strong acids, and strong oxidizers.
Hazardous Decomposition Products: Oxides of nitrogen, oxides of carbon.
Hazardous Polymerization: Has not been reported

Section 11 - Toxicological Information

RTECS#:

CAS# 68240-09-5 unlisted.

CAS# 1330-20-7: ZE2100000

LD50/LC50:

Not available.

CAS# 1330-20-7:

- Draize test, rabbit, eye: 87 mg Mild;
- Draize test, rabbit, eye: 5 mg/24H Severe;
- Draize test, rabbit, skin: 100% Moderate;
- Draize test, rabbit, skin: 500 mg/24H Moderate;
- Inhalation, rat: LC50 = 5000 ppm/4H;
- Oral, mouse: LD50 = 2119 mg/kg;
- Oral, rat: LD50 = 4300 mg/kg;
- Skin, rabbit: LD50 = >1700 mg/kg;.

Carcinogenicity:

CAS# 68240-09-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS# 1330-20-7: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology: Fetotoxic effects have been reported following inhalation exposure to xylene and include altered enzyme activities in rat pups. Oral treatment has resulted in prenatal mortality, growth inhibition, and malformations, primarily cleft palate, but only at maternally toxic doses.

Teratogenicity: No information found

Reproductive Effects: No information found

Mutagenicity: No information found

Neurotoxicity: No information found

Other Studies:

Section 12 - Ecological Information

No information available.

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series:

CAS# 1330-20-7: waste number U239 (Ignitable waste, Toxic waste).

Section 14 - Transport Information

	US DOT	Canada TDG
Shipping Name:	XYLENES	XYLENES
Hazard Class:	3	3
UN Number:	UN1307	UN1307
Packing Group:	III	III

Section 15 - Regulatory Information

US FEDERAL

TSCA

CAS# 68240-09-5 is listed on the TSCA inventory.

CAS# 1330-20-7 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

CAS# 1330-20-7: 100 lb final RQ; 45.4 kg final RQ

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 1330-20-7: immediate, delayed, fire.

Section 313

This material contains Xylene (CAS# 1330-20-7, 43%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

Clean Air Act:

CAS# 1330-20-7 is listed as a hazardous air pollutant (HAP).

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

CAS# 1330-20-7 is listed as a Hazardous Substance under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 68240-09-5 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

CAS# 1330-20-7 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 10 Flammable.

R 20/21 Harmful by inhalation and in contact with skin.

R 38 Irritating to skin.

Safety Phrases: S 25 Avoid contact with eyes.

WGK (Water Danger/Protection)

CAS# 68240-09-5: No information available.

CAS# 1330-20-7: 2

Canada - DSL/NDSL

CAS# 68240-09-5 is listed on Canada's DSL List.

CAS# 1330-20-7 is listed on Canada's DSL List.

Canada - WHMIS

This product has a WHMIS classification of B2, D2B.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List

CAS# 1330-20-7 is not listed on the Canadian Ingredient Disclosure List.

Section 16 - Additional Information

MSDS Creation Date: 9/02/1997

Revision #13 Date: 3/2/2010

Disclaimer:

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