

safety data sheet

marathon 737 thinners

1. Identification of Product

Product code:	9317-XXXX
Intended use:	General purpose Solvent thinner with Xylene components for acrylic, alkyd and vinyl compositions. Designed to be used with Primathon Coating I, Primathon Sheen, Primagalv Coating, Primathon MIO, Marathon Fast Finish, Marathon Hammer Finish, Marathon Prime Finish, Marathon Vynagrip, Thermathon Aluminium and Thermathon Ultra Black.

2. Hazards Identification

Classification - 1999/45/EC	R10: Flammable. R11: Highly flammable. R20/21: Harmful by inhalation and in contact with the skin. R38: Irritating to skin.
Main Hazards	Highly flammable. Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes and skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Other Hazards	In use, may form flammable / explosive vapour-air mixture.

3. Composition Information on Ingredients

Chemical name	CAS no.	EINECS no.	Conc. (%)	Classification
No 7 Thinner	1330-20-7	215-535-7	>90%	[-] R10; [Xn] R20/21; [Xi] R38

4. First Aid Measures

General:	In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	Symptom: Extreme irritation of mucous membranes, including burning and tearing. nausea, vomiting unconsciousness, possibly death. Action: Remove to fresh air at once, keep the patient warm and at rest. Get prompt medical attention. If breathing has stopped administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.
Eye contact:	Symptom: Repeated exposure may cause chronic eye irritation. May cause chemical eye burns. Action: Promptly wash eyes with plenty of water while lifting the eye lids for 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.
Skin contact:	Symptom: Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis. May cause skin irritation and burns (corrosive). Toxic through skin absorption (percutaneous) Action: Remove affected person from source of contamination. Get medical attention immediately. Promptly remove all contaminated clothing and footwear if soaked through, unless stuck to the skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.
Ingestion:	Symptom: Swallowing concentrated chemical may cause severe internal injury. Unconsciousness, death. Action: Wash out mouth with water. DO NOT induce vomiting. Get medical attention immediately. If conscious, give half a litre of water to drink immediately. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

marathon 737 thinners**5. Fire Fighting Measures**

Extinguishing media recommended:	Alcohol or polymer foam. Carbon dioxide (CO ₂). Dry chemical powder. Use water spray to cool containers.
Exposure hazards:	Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.
Protection of firefighters:	Keep run-off water out of sewers and water courses. Dike for water control. If risk of water pollution occurs, notify appropriate authorities. Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Personal precautions:	Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.
Environmental precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean-up procedures:	Ventilate well, stop flow of gas or liquid if possible. Remove ignition sources. Do not allow chemical to enter confined spaces such as sewers due to explosion risk. Sewers designed to preclude formation of explosive concentrations of vapour may be permitted. Absorb into dry earth or sand. Transfer to a close-able, labeled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks. Absorb small quantities with paper towels and evaporate in safe place (fume hood). Allow sufficient time for vapours to completely clear the hood ducts, then burn the paper in a location away from combustible materials. Dike far ahead of larger spills for later disposal. Flush area with flooding amounts of water. Clean up personnel should wear suitable protective equipment.

7. Handling and Storage

Handling:	Avoid the formation or spread of mists in the air. Keep ignition sources away - Smoking is forbidden. Use non-sparking tools. Protect against electrostatic charges. Use in well ventilated area. Do not handle in a confined space. Avoid inhaling vapour. Avoid direct contact with the substance. Use approved respirator if air contamination is above the expected level. Avoid acids, moisture, and combustible materials. Wear full protective clothing for prolonged exposure and/or high concentrations.
Storage:	Store in cool, dry, well ventilated area. Keep container tightly closed. Flammable / Combustible - Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.
Suitable packaging:	Must only be kept in original packaging.

8. Exposure controls/personal protection

Engineering measures:	Ensure there is sufficient ventilation of the area. Ensure there is exhaust ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
Respiratory Protection:	Self-contained breathing apparatus must be available in case of emergency.
Hand Protection:	Impermeable gloves.
Eye Protection:	Safety glasses. Ensure eye bath is to hand.
Skin Protection:	Impermeable protective clothing. Wash hands after handling compounds and before eating, smoking, using lavatory and at the end of the day. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

9. Physical and Chemical Properties

Physical State:	Liquid
Colour:	Colourless
Odour:	Aromatic
Flash Point:	25°C
Solubility in water:	Insoluble in water.
Also soluble in:	Most organic solvents
Boiling point/range:	137°C
Flammability limits (lower):	1%
Flammability limits (upper):	9%

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Auto flammability:	>500°C
Relative density:	0.86

10. Stability and Reactivity

Stability:	Avoid heat, sparks, flames. Moisture. Air and oxidizers. Stable at normal temperatures and pressures.
Conditions to avoid:	Heat. Hot surfaces. Sources of ignition. Flames.
Materials to avoid:	Strong oxidising agents. Strong acids.
Haz. decomp. products:	In combustion emits toxic fumes. Toxic gases / vapours / fumes of carbon monoxide (CO), carbon dioxide (CO ₂).

11. Toxicological Information

Routes of exposure:	Refer to section 4 of SDS for routes of exposure and corresponding symptoms
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12. Ecological Information

Mobility:	Readily absorbed into soil
Persistence and degradability:	Biodegradable. When spilled on land some of the material will volatilise. The proportion absorbed may degrade fairly rapidly under aerobic conditions but this process may take months/years under anaerobic conditions. In surface waters volatilisation is the dominant removal process, although some absorption in sediment is likely to clear.
Bioaccumulative potential:	No bioaccumulation potential.
Other adverse effects:	Negligible ecotoxicity

13. Disposal Considerations

Disposal operations:	This material must be disposed of via an Authorised Waste/Disposal Company in accordance with Local of national Disposal Regulations.
Disposal of packaging:	Contaminated packaging must be completely emptied before sending away for laundering and re-use.
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information

Transport within the user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of accident or spillage.

Proper Shipping Name:	XYLENES (XYLENE)
UN Number:	1307
Hazard ID No:	30
Packing Group:	III
Labeling:	3
ADR Class:	3
Classification code:	F1
EmS:	F-E,S-D
Packing instructions:	309(P&CA); 310(CAO)

15. Regulatory Information

Hazard symbols:	Highly flammable. Harmful. Dangerous for the environment. 
Haz. ingredients (label):	XYLENE

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Risk Phrases:	R10: Flammable. R11: Highly flammable. R20/21: Harmful by inhalation and in contact with the skin. R38: Irritating to skin. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety Phrases:	S25: Avoid contact with eyes. S60: This material and its container must be disposed of as hazardous waste.

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks, as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

16. Other Information

Risk phrases used in s.3:	R10: Flammable. R11: Highly flammable. R20/21: Harmful by inhalation and in contact with the skin. R38: Irritating to skin.
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The information contained in this safety data sheet is provided in accordance with the requirements of the CHIP Regulations. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

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