

SAFETY DATA SHEET

Fast Adhesive (104112)

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

Product name and/or code : Fast Adhesive (104112)
Manufacturer : Evercoat
 a Division of Illinois Tool Works Inc.
 6600 Cornell Road
 Cincinnati, Ohio USA
 Phone: 1-513-489-7600

e-mail address of person responsible for this SDS : marketing@evercoat.com

Emergency telephone number (with hours of operation) : CHEMTEL, INC: 1-800-255-3924

Product use : Fast Adhesive

2. HAZARDS IDENTIFICATION

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : F; R11
 C; R34
 Xi; R37
 R43
 N; R59

Physical/chemical hazards : Highly flammable.

Human health hazards : Causes burns. Irritating to respiratory system. May cause sensitisation by skin contact.

Environmental hazards : Dangerous for the ozone layer.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

Chemical name	CAS number	%	EC number	Classification
methyl methacrylate	80-62-6	25 - 50	201-297-1	F; R11 Xi; R37/38 R43 [1] [2]
Methacrylic acid	79-41-4	5 - 12.5		Xn; R21/22 C; R35 [1]
Carbon Tetrachloride	56-23-5	0 - 1		Carc. Cat. 3; R40 T; R23/24/25, R48/23 N; R59 R52/53 [1]
See section 16 for the full text of the R-phrases declared above				

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Occupational exposure limits, if available, are listed in section 8.

4. FIRST AID MEASURES

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** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do not use solvents or thinners.
- Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open.
- Ingestion** : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

- Extinguishing media** : Recommended: alcohol-resistant foam, CO₂, powders, water spray.
Not to be used : water jet.
- Recommendations** : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to sewers or waterways.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.
- Spill** : Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses. Preferably clean with a detergent. Avoid using solvents. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. HANDLING AND STORAGE

- Handling** : Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits.

In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

To dissipate static electricity during transfer, earth drum and connect to receiving container with bonding strap. Operators should wear antistatic footwear and clothing and floors should be of the conducting type.

Keep container tightly closed. Keep away from heat, sparks and flame. No sparking tools should be used.

Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Avoid inhalation of dust from sanding.

Eating, drinking and smoking should be prohibited in areas where this material is

7. HANDLING AND STORAGE

handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Put on appropriate personal protective equipment (see section 8).

Never use pressure to empty. Container is not a pressure vessel. Always keep in containers made from the same material as the original one.

Comply with the health and safety at work laws.

Storage

: Store in accordance with local regulations. Observe label precautions. Store in a cool, well-ventilated area away from incompatible materials and ignition sources.

Keep away from: oxidising agents, strong alkalis, strong acids.

No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Do not empty into drains.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

Ingredient name

methyl methacrylate

Occupational exposure limits

ACGIH TLV (United States, 1/2006). Notes: Refers to Appendix A -- Carcinogens. 2000 Adoption.

STEL: 100 ppm 8 hour(s).

TWA: 50 ppm 8 hour(s).

Personal protective equipment

Respiratory system

: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

Skin and body

: Personnel should wear antistatic clothing made of natural fibres or of high-temperature-resistant synthetic fibres.

Hands

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

Eyes

: Use safety eyewear designed to protect against splash of liquids.

Environmental exposure controls

Do not allow to enter drains or watercourses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state

: Liquid.

Colour

: Off-white.

Flash point

: Open cup: 10°C (50°F)

pH

: 3 to 3.5

Relative density

: 1.03

Vapour density

: >1 [Air = 1]

Solubility

: Insoluble in the following materials: cold water and hot water.

10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see section 7).

Hazardous decomposition products: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
methyl methacrylate	LD50 Intraperitoneal	Rat	1328 mg/kg	-
	LD50 Oral	Rat	7872 mg/kg	-
	LD50 Subcutaneous	Rat	7088 mg/kg	-

Conclusion/Summary : Not available.

Chronic toxicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Mutagenicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

12. ECOLOGICAL INFORMATION

There is no data available on the preparation itself.
Do not allow to enter drains or watercourses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is classified for eco-toxicological properties accordingly. See Sections 2 and 15 for details.

Aquatic ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
methyl methacrylate	Mortality	Acute LC50 232.2 mg/L	Fish	96 hours
	Mortality	Acute LC50 191 mg/L	Fish	96 hours
	Mortality	Acute LC50 160.2 mg/L	Fish	96 hours
	Mortality	Acute LC50 159.1 mg/L	Fish	96 hours
	Mortality	Acute LC50 150 mg/L	Fish	96 hours
	Mortality	Acute LC50 130 mg/L	Fish	96 hours

Conclusion/Summary : Not available.

Biodegradability

Conclusion/Summary : Not available.

13. DISPOSAL CONSIDERATIONS

Do not allow to enter drains or watercourses.

Dispose of according to all federal, state and local applicable regulations.

Hazardous waste : The classification of the product may meet the criteria for a hazardous waste.

14. TRANSPORT INFORMATION

Transport within 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 an accident or spillage.

Land - road/railway

UN number : UN1247
Transport document name : METHYL METHACRYLATE MONOMER, STABILIZED
ADR/RID Class : 3
HI/Kemler number : 339
Packing group : II
ADR/RID Label :



Sea

UN number : UN1247
Proper shipping name : METHYL METHACRYLATE, MONOMER, STABILIZED
Special provisions : Not available.
IMDG Class : 3
Packing group : II
IMDG Label :



Marine pollutant : No.
Emergency schedules (EmS) : F-E, S-D

Air

UN number : UN1247
Proper shipping name : Methyl methacrylate monomer, stabilized
Special provisions : Not available.
ICAO/IATA Classification : 3
Packing group : II

The "viscosity exemption" provisions do not apply to air transport.

ICAO/IATA label :



Inland waterways

UN number : UN1247
Proper shipping name : METHYL METHACRYLATE MONOMER, STABILIZED
ADNR Classification : 3
Packing group : II

14. TRANSPORT INFORMATION

ADNR Label

:



15. REGULATORY INFORMATION

EU regulations : The product is classified and labelled for supply in accordance with the Directive 1999/45/EC as follows:

Hazard symbol or symbols :



Highly flammable, Corrosive, Dangerous for the environment

Risk phrases

: R11- Highly flammable.
R34- Causes burns.
R37- Irritating to respiratory system.
R43- May cause sensitisation by skin contact.
R59- Dangerous for the ozone layer.

Safety phrases

: S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S59- Refer to manufacturer/supplier for information on recovery/recycling.

Contains

: methyl methacrylate
Methacrylic acid

Europe inventory

: **Europe inventory:** All components are listed or exempted.

Industrial use

: The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

16. OTHER INFORMATION

CEPE Classification : 1

Full text of R-phrases referred to in sections 2 and 3 - Europe

: R11- Highly flammable.
R40- Limited evidence of a carcinogenic effect.
R23/24/25- Toxic by inhalation, in contact with skin and if swallowed.
R48/23- Toxic: danger of serious damage to health by prolonged exposure through inhalation.
R21/22- Harmful in contact with skin and if swallowed.
R34- Causes burns.
R35- Causes severe burns.
R37- Irritating to respiratory system.
R37/38- Irritating to respiratory system and skin.
R43- May cause sensitisation by skin contact.
R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R59- Dangerous for the ozone layer.

The information in this Safety Data Sheet is required pursuant to EU Directive 91/155/EEC and its amendments.

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Version : 1.1

☑ Indicates information that has changed from previously issued version.

[Notice to reader](#)

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16. OTHER INFORMATION

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.