



EQUIPPING THE TYRE INDUSTRY

Auto4 Ltd

Unit 4a, Park Lane Business Court, Park Lane,
Kirkby in Ashfield, Nottinghamshire, NG17 9GU

T.+44(0)1623 727360

sales@auto4.co.uk

F.+44(0)1623 721950

www.auto4.co.uk

Orderline:0845 0770 190

Automotive Equipment,
Tools and Consumables

SAFETY DATA SHEET

Part number FG60512

COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: METHYL METHACRYLATE 1-10%

EINECS: 201-297-1 CAS: 80-62-6

[F] R11; [Xi] R37/38; [Sens.] R43

ETHANOL 50-70%

EINECS: 200-578-6 CAS: 64-17-5

[F] R11

HAZARDS IDENTIFICATION

Main hazards: Highly flammable. May cause sensitisation by skin contact.

Other hazards: In use, may form flammable / explosive vapor-air mixture.

FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause Coughing or wheezing.

FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

FIRE-FIGHTING MEASURES

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

Exposure hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapor mixture. Vapor

May travel considerable distance to source of ignition and flash back.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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 unauthorized 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 bonding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce Sparks.

HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. 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. Store in original containers between +5 and +25`C. Storage outside these parameters will dramatically reduce shelf life and invalidates all product warranties.

Suitable packaging: Must only be kept in original packaging.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: METHYL METHACRYLATE

TWA (8 hr exposure limit): 208 mg/m³ STEL (15 min exposure limit): 416 mg/m³ (OES)

• ETHANOL

TWA (8 hr exposure limit): 1920 mg/m³ (OES)

Engineering measures: Ensure there is sufficient 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: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Red

Odor: Irritating odor which may affect the eyes and respiratory system

Evaporation rate: Moderate

Solubility in water: Slightly soluble

Also soluble in: Most organic solvents.

Viscosity: Highly viscous

Boiling point/range°C: 100

Flammability limits %: lower: 1.7

Upper: 8.2
Flash point°C: 2
Autoflammability°C: 435
Relative density: 1.1

STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Stable at room temperature.
Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.
Materials to avoid: Strong oxidizing agents. Strong acids.
Haz. decomp. products: In combustion emits toxic fumes.

TOXICOLOGICAL INFORMATION

Hazardous ingredients: METHYL METHACRYLATE

IPR RAT LD50 1328 mg/kg
ORL MUS LD50 3625 mg/kg
ORL RAT LD50 7872 mg/kg
ETHANOL
IVN RAT LD50 1440 mg/kg
ORL MUS LD50 3450 mg/kg
ORL RAT LD50 7060 mg/kg

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

ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.
Persistence and degradability: No data available.
Bioaccumulative potential: Bioaccumulation potential.
Other adverse effects: No data available.

DISPOSAL CONSIDERATIONS

Disposal operations: Dispose of according to local or national legislation
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

TRANSPORT INFORMATION

ADR / RID

UN no: 1247 **ADR Class:** 3
Packing group: II **Classification code:** F1
Shipping name: METHYL METHACRYLATE MONOMER, STABILIZED
Labelling: 3 **Hazard ID no:** 339

IMDG / IMO

UN no: 1247 **Class:** 3
Packing group: II **EmS:** F-E,S-D
Marine pollutant: NO **Labeling:** 3

IATA / ICAO

UN no: 1247 **Class:** 3
Packing group: II **Packing instructions:** 305(P&CA); 307(CAO)
Labeling: 3

REGULATORY INFORMATION

Hazard symbols: Highly flammable.
Irritant.

Risk phrases: R11: Highly flammable.

R43: May cause sensitisation by skin contact.

Safety phrases: S2: Keep out of the reach of children.

S9: Keep container in a well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe...

S24: Avoid contact with skin.

S37: Wear suitable gloves.

S46: If swallowed, seek medical advice immediately and show this container or label.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

OTHER INFORMATION

Risk phrases used in s.2: R11: Highly flammable.

R37/38: Irritating to respiratory system and skin.

R43: May cause sensitisation by skin contact.

[Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.