

MORGAN POLYMERS LTD

HEALTH & SAFETY DATA SHEET

1. Identification of the Substance and Company.

Trade Name : Multiflex Product Group 2

Company : Morgan Polymers Ltd, Unit 2 Century Park, Pacific Park, Altrincham, Cheshire
WA14 5BJ

Phone No. : 0161- 233 - 0023

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2. Composition/information on ingredients.

Chemical Characterisation : Aromatic Hydrocarbon mixture.

Ingredients	CAS No.	EINECS	R-Phrases	% Weight
Aromatic Hydrocarbon	64742-95-6	265 199 0	R10	>50

3. Hazards Identification.

Exothermic reaction with amines and alcohols, reacts slowly with water forming CO₂, in closed containers risk of bursting due to increase of pressure.

4. First Aid Measures.

Eye Contact : Rinse carefully and fully with water, seek medical attention.

Skin Contact : Wipe off and wash thoroughly with soap and water.

Ingestion : In case of irritation of the respiratory tract or swallowing, consult a doctor.

5. Fire Fighting Measures.

Special Hazards :

Protective Equipment : Wear self contained breathing apparatus.

Extinguishing Agents : Extinguishing powder, CO₂ or halogenated hydrocarbons, in case of large fires use foam and water spray.

Extinguishing Agents Prohibited :

6. Accidental Release Measures.

Personal Protection : Wear suitable protective **Clothing, Gloves, and Safety Glasses.**

Environmental Precautions : Do not empty into **Drains.**

Methods For Cleaning : Cover spillage with absorbent material (e.g. sand, sawdust). After one hour transfer to Waste container and do not seal (evolution of CO₂). Keep in a safe ventilated area for Several days.

Additional Information: After above waste may be incinerated in a suitable facility provided local regulations Are observed.

7. Handling and Storage.

Safe Handling Advice : Keep away from foodstuffs, drinks and tobacco. Wash hands before break and at the End of work. Keep working clothes separate. Take off contaminated clothes Immediately.

Storage : Keep container dry and tightly closed in a well ventilated area. Avoid exposure to temperatures Above 50°C.

8. Exposure Controls / Personal Protection.

Respiratory Protection : Required in poorly ventilated working areas or whilst spraying.

Eye Protection : **Safety Glasses**

Hand Protection : **P.V.C Rubber Gloves.**

Skin Protection : Wear suitable protective clothing.

9. Physical and Chemical Properties.

Physical State : Liquid

Colour : Yellowish

Odour : Smell of solvent

Safety Relevant Data.

Boiling Temperature : 140 °C

Flash Point : 40 °C

Density : 1.08gm/cm³ at 20 °C

Ignition Temp : 460 °C

Explosive Limits: Xylene : lower 1.0% by vol upper 8.0% by vol
1- methoxypropylacetate-2 : lower 1.5% by vol upper 10.8% by vol

10 Stability and Reactivity.

Materials To Avoid : Amines and alcohols, reacts slowly with water giving CO₂

Hazardous Decomposition Products : No hazardous decomposition products when handled and stored Correctly.

11. Toxicological Information.

General information about Acute or other Toxicities : LD50 oral, rat >5,000 mg/kg
Skin and mucous membrane compact rabbit
Skin 24 hours exposure – non irritant
Eyes slight irritation for a short time

Aromatic hydrocarbons such as Xylene, irritate the skin and mucous membranes and are narcotic if inhaled at high concentrations.

Experience with Human Beings : Over- exposure , especially during spraying operations without the necessary precautions , entails a risk to eyes, nose and throat, and respiratory tract. Hyper sensitive persons may suffer even at low concentrations. In case of longer contact with the skin, tanning and irritating effects are possible

12 Ecological Information

Environmental Effects :

No results from ecotoxicological tests are available

13. Disposal Considerations.

Packaging : Empty containers may be disposed of after neutralising any remaining product with a mixture of isopropanol, ammonia and water.

Product : May be incinerated in a suitable facility providing the local and national regulations are observed

14. Transport Information.

UN. N° : 1866

IMCO Class : 3.3

Flammable / flash point + 40°C/ irritating to skin and eyes / keep dry / keep away from foodstuffs

15. Regulatory Information.

Classification according to EEC Directives.

Classification : Flammable

Hazard Labels :

R-Phrases : R10/18

S-Phrases : S16/23/33/38

16:OTHER INFORMATION

Refer to national guidelines on Control of Substances Hazardous to Health and also handling of flammable substances.

The specifications are based on the current state of our knowledge and experience.

The Health & safety Data Sheet describes the products from a safety requirements aspect.

The information shall not be regarded as legally binding assurance of certain properties or suitability for a particular application.