



SAFETY DATA SHEET
IMPAX IXT - 59 SOLVENT

1. Identification

Product identifier

Product name IMPAX IXT - 59 SOLVENT

Recommended use of the chemical and restrictions on use

Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet

Supplier

ITW Performance Polymers
Bay 150
Shannon Industrial Estate
Co. Clare
Ireland
V14 DF82
353(61)771500
353(61)471285
mail@itwpp.com

Emergency telephone number

Emergency telephone +44 (0) 1235 239670

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Flam. Liq. 3 - H226
Health hazards Repr. 1B - H360D STOT SE 3 - H336
Environmental hazards Not Classified

Label elements

Pictogram



Signal word

Danger

Hazard statements

H226 Flammable liquid and vapor.
H336 May cause drowsiness or dizziness.
H360D May damage the unborn child.

IMPAX IXT - 59 SOLVENT

Precautionary statements	<p>P201 Obtain special instructions before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.</p> <p>P240 Ground/ bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P261 Avoid breathing vapor/ spray.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.</p> <p>P308+P313 If exposed or concerned: Get medical advice/ attention.</p> <p>P312 Call a poison center/ doctor if you feel unwell.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
---------------------------------	--

Contains 1-METHOXY-2-PROPANOL, 2-METHOXYPROPANOL

3. Composition/information on ingredients

Mixtures

1-METHOXY-2-PROPANOL	60-100%
CAS number: 107-98-2	
Classification	
Flam. Liq. 3 - H226	
STOT SE 3 - H336	
2-METHOXYPROPANOL	<1%
CAS number: 1589-47-5	
Classification	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Repr. 1B - H360D	
STOT SE 3 - H335	

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Get medical attention immediately. Rinse mouth thoroughly with water. Do not induce vomiting.

IMPAX IXT - 59 SOLVENT

Skin Contact Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Indication of immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Extinguish with carbon dioxide or dry powder.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Hazardous combustion products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions In case of spills, beware of slippery floors and surfaces. Avoid inhalation of vapors and contact with skin and eyes.

Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labeled with correct contents and hazard symbol.

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

7. Handling and storage

Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using the product.

Conditions for safe storage, including any incompatibilities

IMPAX IXT - 59 SOLVENT

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Store away from incompatible materials (see Section 10).

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure Controls/personal protection

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

The following protection should be worn: Chemical splash goggles. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. The selected gloves should have a breakthrough time of at least 8 hours.

Other skin and body protection

Wear chemical protective suit.

Hygiene measures

Provide eyewash station and safety shower. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Check that the respirator fits tightly and the filter is changed regularly. Wear a respirator fitted with the following cartridge: Organic vapor filter. Gas filter, type A2. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Clear liquid.
Odor	Characteristic.
pH	Not determined.
Melting point	Not determined.
Initial boiling point and range	120.1°C @
Flash point	32.7°C PMCC (Pensky-Martens closed cup).
Evaporation rate	<1

IMPAX IXT - 59 SOLVENT

Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 1.5 Upper flammable/explosive limit: 10.9
Vapor pressure	8 mm Hg @ °C
Vapor density	3.12
Relative density	0.922 @ °C
Auto-ignition temperature	Not determined.
Volatility	100
Volatile organic compound	This product contains a maximum VOC content of 924 g/litre.

10. Stability and reactivity

Reactivity	The following materials may react with the product: Strong oxidizing agents. Strong alkalis. Reacts violently with strong acids.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	Not available. No potentially hazardous reactions known.
Conditions to avoid	Avoid heat. Avoid contact with the following materials: Strong oxidizing agents. Avoid contact with acids and alkalis.
Materials to avoid	Strong acids. Strong alkalis. Strong oxidizing agents.
Hazardous decomposition products	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11. Toxicological information

Information on toxicological effects

General information	Vapors may cause drowsiness and dizziness. May cause harm to the unborn child.
Inhalation	Vapor from this product may be hazardous by inhalation. Vapors may irritate throat/respiratory system. Symptoms following overexposure may include the following: Headache. Dizziness. Drowsiness.
Ingestion	May cause discomfort if swallowed. Gastrointestinal symptoms, including upset stomach.
Skin Contact	Repeated exposure may cause skin dryness or cracking.
Eye contact	Irritation of eyes and mucous membranes. Repeated exposure may cause chronic eye irritation.
Acute and chronic health hazards	Prolonged or repeated exposure may cause severe irritation. Prolonged contact may cause dryness of the skin. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Prolonged or repeated exposure to vapors in high concentrations may cause the following adverse effects: Nausea, vomiting. Headache.
Route of entry	Inhalation Ingestion. Skin and/or eye contact

12. Ecological Information

Ecotoxicity	There are no data on the ecotoxicity of this product.
--------------------	---

IMPAX IXT - 59 SOLVENT

Toxicity Not determined.

Persistence and degradability

Persistence and degradability Not specified.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Mobility in soil

Mobility Not specified.

Other adverse effects

Other adverse effects Not available.

13. Disposal considerations

Waste treatment methods

General information Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. When handling waste, the safety precautions applying to handling of the product should be considered. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

UN Number

UN No. (TDG) 1993

UN No. (IMDG) 1993

UN No. (ICAO) 1993

UN No. (DOT) 1993

UN proper shipping name

Proper shipping name (TDG) FLAMMABLE LIQUID, N.O.S. (1-METHOXY-2-PROPANOL, 2-METHOXYPROPANOL)

Proper shipping name (IMDG) FLAMMABLE LIQUID, N.O.S. (1-METHOXY-2-PROPANOL, 2-METHOXYPROPANOL)

Proper shipping name (ICAO) FLAMMABLE LIQUID, N.O.S. (1-METHOXY-2-PROPANOL, 2-METHOXYPROPANOL)

Proper shipping name (DOT) FLAMMABLE LIQUID, N.O.S. (1-METHOXY-2-PROPANOL, 2-METHOXYPROPANOL)

Transport hazard class(es)

TDG class 3

TDG label(s) 3

IMDG Class 3

ICAO class/division 3

Transport labels



IMPAX IXT - 59 SOLVENT**Packing group**

TDG Packing Group	III
IMDG packing group	III
ICAO packing group	III
DOT packing group	III

Environmental hazards**Environmentally Hazardous Substance**

No.

Special precautions for user

EmS F-E, S-E

15. Regulatory information**16. Other information**

Revision date	4/6/2018
Revision	4
Supersedes date	5/3/2016
Hazard statements in full	H226 Flammable liquid and vapor. H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H360D May damage the unborn child.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.