

Regulatory Information:

The requirements of the Classification Packaging and Labeling of Dangerous Substances Regulations: -

The product is labeled as follows:

Dangerous Classification:

Xn Harmful

Contains:

R Phrases: -

10 Flammable.
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
38 Irritating to skin.

S Phrases: -

38 In case of insufficient ventilation, wear suitable respiratory equipment.
51 Use only in well ventilated areas.
23 Do not breathe vapor.

Other Phrases: -

Other Information:

Full text of R Phrases appearing in Section 2: -

11 Highly flammable.
20 Harmful by inhalation.
10 Flammable.
23/24/25 Toxic by inhalation, contact with skin and if swallowed
34 Causes burns
40 Possible risks of irreversible effects.
43 May cause sensitization by skin contact
20/21 Harmful by inhalation and in contact with skin
38 Irritating to skin.
36 Irritating to eyes.



IMPERIA AMAZE

PU Sealer



Composition/Information on Ingredients:

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

CAS No.	Names	Conc.	Symb.	R Phrases
100-41-4	Ethylbenzene	4.5-10	Xn	11-20
1330-20-7	Xylene. mixture of isomers	20-30	Xn	10-20/21-38
123-86-4	N-Butyl Acetate	25-35	Xi	10-66-67
108-65-6	MPA	25-35	Xi	R 10 36

(See full text of R Phrases under Chapter 16)

Hazards Identification of the Preparation:

Xn Harmful

10 Flammable

20/21/22 Harmful by inhalation, in contact with skin and if swallow

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 patient warm and at rest, if breathing is irregular or stopped. Administer artificial respiration. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.

Eye Contact: Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.

Ingestion: If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting.

Fire-fighting Measures:

Extinguishing Media: Recommended – Alcohol Resistant Foam, CO2 Powders, Water spray.
Not to be used : Waterjet.

Accidental Release Measures:

- Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (See Section 13). Do not allow to enter drains or watercourses.
- Clean preferably with a detergent. Avoid use of solvents.
- If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

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 allow run-off from fire fighting to enter drains or watercourses.

Version No: BPP1/08/2021. Please note that this data sheet supersedes all previous versions.

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Handling and Storage:

Handling:

- Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits.
- Additionally, 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.
- Preparation may charge electrostatically. Always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing and floors should be of the conducting type.
- Keep container tightly closed. Isolate from sources of heat, sparks and open flame. No sparking tools should be used.
- Avoid skin and eye contact. Avoid inhalation of vapor and spray mist. Smoking, eating and drinking should be prohibited in application area.
- For personal protection, see Section 8.
- Never use pressure to empty. Container is not a pressure vessel.
- Always keep in containers of same material as the original one.
- Comply with the health and safety at works laws.

Storage:

- Although the storage and use of this product is not subject to specific statutory requirements. Observation of the principles of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations as appropriate will be seen as good industrial practice in meeting the general duties of the Health and Safety of Work Act.
- Observe label precautions. Store between 15 and 30°C in a dry, well ventilated place away from sources of heat and direct sunlight.
- Keep away from sources of ignition. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.
- No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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 vapor below the OEL, suitable respiratory protection must be worn.

Exposure Limits:

Occupational Exposure Limit for:

CAS No.	Names	STEL	LTEL
100-41-4	Ethylbenzene	MAK	100.00 Ppm
1330-20-7	Xylene. mixture of isomers	MAK	100.00 Ppm
123-86-4	N-Butyl Acetate	MAK	100.00 Ppm
108-65-6	MPA	MAK	100.00 Ppm

Personal Protection:

Respiratory Protection: When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

Hand Protection: For prolonged or repeated contact, use: Barrier creams may help to protect the exposed areas of the skin. They should, however, not be applied once exposure has occurred.

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

Skin Protection: Personnel should wear antistatic clothing's made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

Physical and Chemical Properties:

Physical State	Liquid	Method
Flash Point	>23°C	DIN 53213
Viscosity	60±5 Sec B4 30°C	DIN 53211
Specific Gravity	0.96 ± 0.03	
Vapor Density	11	
Lower Explosion Limit	1.0	
Solubility in Water	Not soluble	

Stability and Reactivity:

Stable under recommended storage and handling conditions (See Section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Toxicological Information:

- There are no data available on the preparation itself.
- Exposure to component solvents, vapors concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system.
- Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.
- The liquid splashed in the eyes may cause irritation and reversible damage.

Ecological Information:

- There are no data available on the preparation itself.
- The product should not be allowed to enter drains or watercourses.

Disposal Considerations:

- Do not allow into drains or watercourses.
- Empty containers are to be deposited according to the official rules.

Transport Information:

Transport only in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

ADR/RID:	Class	: 3		
	Item	: 31c		
Transport Document Name	: 1263	Paint		
IMDG:	Class	: 3.3	UN Nr. :	1263
			MFAG :	310
			EmS :	3-05
Marine Pollutant	:			
Proper Shipping Name	:	Paint		
ICAO/IATA:	Class	: 3	UN Nr. :	1263
Proper Shipping Name	:	Paint		
Packaging Group	:	III		

Regulatory Information:

The requirements of the Classification Packaging and Labeling of Dangerous Substances Regulations: -

The product is labeled as follows:

Dangerous Classification:

Xn Harmful

Contains:

R Phrases: -

10 Flammable.
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
38 Irritating to skin.

S Phrases: -

38 In case of insufficient ventilation, wear suitable respiratory equipment.
51 Use only in well ventilated areas.
23 Do not breathe vapor.

Other Phrases: -

Other Information:

Full text of R Phrases appearing in Section 2: -

11 Highly flammable.
20 Harmful by inhalation.
10 Flammable.
23/24/25 Toxic by inhalation, contact with skin and if swallowed
34 Causes burns
40 Possible risks of irreversible effects.
43 May cause sensitization by skin contact
20/21 Harmful by inhalation and in contact with skin
38 Irritating to skin.
36 Irritating to eyes.

The information of this MSDS is based on the present state of our knowledge and on current EEC and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under Section 1 without first obtaining written handling instruction.

It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product. It is not to be considered as a guarantee of the products' properties.

The information in this Safety Data Sheet is required pursuant to Dangerous Substances Regulations 26.10.1993.

Version No: BPP1/08/2021. Please note that this data sheet supersedes all previous versions.

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IMPERIA AMAZE

PU White Sealer



Composition/Information on Ingredients:

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

CAS No.	Names	Conc.	Symb.	R Phrases
100-41-4	Ethylbenzene	4.5-10	Xn	11-20
1330-20-7	Xylene. mixture of isomers	25-45	Xn	10-20/21-38
123-86-4	N-Butyl Acetate	20-45	Xi	10-66-67

(See full text of R Phrases under Chapter 16)

Hazards Identification of the Preparation:

Xn Harmful

10 Flammable

20/21/22 Harmful by inhalation, in contact with skin and if swallow

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 patient warm and at rest, if breathing is irregular or stopped. Administer artificial respiration. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.

Eye Contact: Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.

Ingestion: If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting.

Fire-fighting Measures:

Extinguishing Media: Recommended – Alcohol Resistant Foam, CO2 Powders, Water spray.

Not to be used : Waterjet

Accidental Release Measures:

- Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (See Section 13). Do not allow to enter drains or watercourses.
- Clean preferably with a detergent. Avoid use of solvents.
- If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

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 allow run-off from fire fighting to enter drains or watercourses.

Handling and Storage:

Handling:

- Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits.
- Additionally, 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.
- Preparation may charge electrostatically. Always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing and floors should be of the conducting type.
- Keep container tightly closed. Isolate from sources of heat, sparks and open flame. No sparking tools should be used.
- Avoid skin and eye contact. Avoid inhalation of vapor and spray mist. Smoking, eating and drinking should be prohibited in application area.
- For personal protection, see Section 8.
- Never use pressure to empty. Container is not a pressure vessel.
- Always keep in containers of same material as the original one.
- Comply with the health and safety at works laws.

Storage:

- Although the storage and use of this product is not subject to specific statutory requirements. Observation of the principles of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations as appropriate will be seen as good industrial practice in meeting the general duties of the Health and Safety of Work Act.
- Observe label precautions. Store between 15 and 30°C in a dry, well ventilated place away from sources of heat and direct sunlight.
- Keep away from sources of ignition. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.
- No smoking. Prevent unauthorized access. Containers which are opened must be carefully sealed and kept upright to prevent leakage.

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 vapor below the OEL, suitable respiratory protection must be worn.

Exposure Limits:

Occupational Exposure Limit for:

CAS No.	Names	STEL	LTEL
100-41-4	Ethylbenzene	MAK	100.00 Ppm
1330-20-7	Xylene. mixture of isomers	MAK	100.00 Ppm
123-86-4	N-Butyl Acetate	MAK	100.00 Ppm

Personal Protection:

Respiratory Protection: When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

Hand Protection: For prolonged or repeated contact, use: Barrier creams may help to protect the exposed areas of the skin. They should, however, not be applied once exposure has occurred.

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

Skin Protection: Personnel should wear antistatic clothing's made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

Physical and Chemical Properties:

Physical State	Liquid	Method
Flash Point	>23°C	DIN 53213
Viscosity	70±10 Sec B4 30°C	DIN 53211
Specific Gravity	1.35 ± 0.03	
Vapor Density	11	
Lower Explosion Limit	1.0	
Solubility in Water	Not soluble	

Stability and Reactivity:

Stable under recommended storage and handling conditions (See Section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Toxicological Information:

- There are no data available on the preparation itself.
- Exposure to component solvents, vapors concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system.
- Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.
- The liquid splashed in the eyes may cause irritation and reversible damage.

Ecological Information:

- There are no data available on the preparation itself.
- The product should not be allowed to enter drains or watercourses.

Disposal Considerations:

- Do not allow into drains or watercourses.
- Empty containers are to be deposited according to the official rules.

Transport Information:

Transport only in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

ADR/RID:	Class	: 3		
	Item	: 31c		
Transport Document Name	: 1263	Paint		
IMDG:	Class	: 3.3	UN Nr. :	1263
			MFAG :	310
			EmS :	3-05
Marine Pollutant	:			
Proper Shipping Name	:	Paint		
ICAO/IATA:	Class	: 3	UN Nr. :	1263
Proper Shipping Name	:	Paint		
Packaging Group	:	III		

Regulatory Information:

The requirements of the Classification Packaging and Labeling of Dangerous Substances Regulations: -

The product is labeled as follows:

Dangerous Classification:

Xn Harmful

Contains:

R Phrases: -

10 Flammable.
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
38 Irritating to skin.

S Phrases: -

38 In case of insufficient ventilation, wear suitable respiratory equipment.
51 Use only in well ventilated areas.
23 Do not breathe vapor.

Other Phrases:

Other Information:

Full text of R Phrases appearing in Section 2: -

11 Highly flammable.
20 Harmful by inhalation.
10 Flammable.
23/24/25 Toxic by inhalation, contact with skin and if swallowed
34 Causes burns
40 Possible risks of irreversible effects.
43 May cause sensitization by skin contact
20/21 Harmful by inhalation and in contact with skin
38 Irritating to skin.
36 Irritating to eyes.

The information of this MSDS is based on the present state of our knowledge and on current EEC and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under Section 1 without first obtaining written handling instruction.

It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product. It is not to be considered as a guarantee of the products' properties.

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IMPERIA AMAZE

Acrylic Clear Glossy



Composition/Information on Ingredients:

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

CAS No.	Names	Conc.	Symb.	R Phrases
100-41-4	Ethylbenzene	4.5-10	Xn	11-20
1330-20-7	Xylene. mixture of isomers	20-30	Xn	10-20/21-38
123-86-4	N-Butyl Acetate	25-35	Xi	10-66-67
108-65-6	MPA	25-35	Xi	R 10 36

(See full text of R Phrases under Chapter 16)

Hazards Identification of the Preparation:

Xn Harmful
10 Flammable
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

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 patient warm and at rest, if breathing is irregular or stopped. Administer artificial respiration. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.

Eye Contact: Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.

Ingestion: If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting.

Fire-fighting Measures:

Extinguishing Media: Recommended – Alcohol Resistant Foam, CO2 Powders, Water spray.
Not to be used : Waterjet

Accidental Release Measures:

- Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (See Section 13). Do not allow to enter drains or watercourses.
- Clean preferably with a detergent. Avoid use of solvents.
- If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

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 allow run-off from fire fighting to enter drains or watercourses.

Handling and Storage:

Handling:

- Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits.
- Additionally, 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.
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- Avoid skin and eye contact. Avoid inhalation of vapor and spray mist. Smoking, eating and drinking should be prohibited in application area.
- For personal protection, see Section 8.
- Never use pressure to empty. Container is not a pressure vessel.
- Always keep in containers of same material as the original one.
- Comply with the health and safety at works laws.

Storage:

- Although the storage and use of this product is not subject to specific statutory requirements. Observation of the principles of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations as appropriate will be seen as good industrial practice in meeting the general duties of the Health and Safety of Work Act.
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- Keep away from sources of ignition. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.
- No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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 vapor below the OEL, suitable respiratory protection must be worn.

Exposure Limits:

Occupational Exposure Limit for:

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123-86-4	N-Butyl Acetate	MAK	100.00 Ppm
108-65-6	MPA	MAK	100.00 Ppm

Personal Protection:

Respiratory Protection: When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

Hand Protection: For prolonged or repeated contact, use: Barrier creams may help to protect the exposed areas of the skin. They should, however, not be applied once exposure has occurred.

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

Skin Protection: Personnel should wear antistatic clothing's made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

Physical and Chemical Properties:

Physical State	Liquid	Method
Flash Point	>23°C	DIN 53213
Viscosity	50±5 Sec B4 30°C	DIN 53211
Specific Gravity	0.98±0.03	
Vapor Density	11	
Lower Explosion Limit	1.0	
Solubility in Water	Not soluble	

Stability and Reactivity:

Stable under recommended storage and handling conditions (See Section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Toxicological Information:

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Disposal Considerations:

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ADR/RID:	Class	: 3		
	Item	: 31c		
Transport Document Name	: 1263	Paint		
IMDG:	Class	: 3.3	UN Nr. :	1263
			MFAG :	310
			EmS :	3-05
Marine Pollutant	:			
Proper Shipping Name	:	Paint		
ICAO/IATA:	Class	: 3	UN Nr. :	1263
Proper Shipping Name	:	Paint		
Packaging Group	:	III		

Regulatory Information:

The requirements of the Classification Packaging and Labeling of Dangerous Substances Regulations: -
The product is labeled as follows:

Dangerous Classification:

Xn Harmful

Contains:

R Phrases: -

10 Flammable.
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
38 Irritating to skin.

S Phrases: -

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51 Use only in well ventilated areas.
23 Do not breathe vapor.

Other Phrases:

Other Information:

Full text of R Phrases appearing in Section 2: -

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20 Harmful by inhalation.
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23/24/25 Toxic by inhalation, contact with skin and if swallowed
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40 Possible risks of irreversible effects.
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IMPERIA AMAZE

Acrylic Clear Matt



Composition/Information on Ingredients:

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

CAS No.	Names	Conc.	Symb.	R Phrases
100-41-4	Ethylbenzene	4.5-10	Xn	11-20
1330-20-7	Xylene. mixture of isomers	20-30	Xn	10-20/21-38
123-86-4	N-Butyl Acetate	25-35	Xi	10-66-67
108-65-6	MPA	25-35	Xi	R 10 36

(See full text of R Phrases under Chapter 16)

Hazards Identification of the Preparation:

Xn Harmful
10 Flammable
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

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 patient warm and at rest, if breathing is irregular or stopped. Administer artificial respiration. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.

Eye Contact: Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.

Ingestion: If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting.

Fire-fighting Measures:

Extinguishing Media: Recommended – Alcohol Resistant Foam, CO2 Powders, Water spray.
Not to be used : Waterjet

Accidental Release Measures:

- Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (See Section 13). Do not allow to enter drains or watercourses.
- Clean preferably with a detergent. Avoid use of solvents.
- If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

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 allow run-off from fire fighting to enter drains or watercourses.

Handling and Storage:

Handling:

- Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits.
- Additionally, 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.
- Preparation may charge electrostatically. Always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing and floors should be of the conducting type.
- Keep container tightly closed. Isolate from sources of heat, sparks and open flame. No sparking tools should be used.
- Avoid skin and eye contact. Avoid inhalation of vapor and spray mist. Smoking, eating and drinking should be prohibited in application area.
- For personal protection, see Section 8.
- Never use pressure to empty. Container is not a pressure vessel.
- Always keep in containers of same material as the original one.
- Comply with the health and safety at works laws.

Storage:

- Although the storage and use of this product is not subject to specific statutory requirements. Observation of the principles of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations as appropriate will be seen as good industrial practice in meeting the general duties of the Health and Safety of Work Act.
- Observe label precautions. Store between 15 and 30°C in a dry, well ventilated place away from sources of heat and direct sunlight.
- Keep away from sources of ignition. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.
- No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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 vapor below the OEL, suitable respiratory protection must be worn.

Exposure Limits:

Occupational Exposure Limit for:

CAS No.	Names	STEL	LTEL
100-41-4	Ethylbenzene	MAK	100.00 Ppm
1330-20-7	Xylene. mixture of isomers	MAK	100.00 Ppm
123-86-4	N-Butyl Acetate	MAK	100.00 Ppm
108-65-6	MPA	MAK	100.00 Ppm

Personal Protection:

Respiratory Protection: When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

Hand Protection: For prolonged or repeated contact, use: Barrier creams may help to protect the exposed areas of the skin. They should, however, not be applied once exposure has occurred.

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

Skin Protection: Personnel should wear antistatic clothing's made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

Physical and Chemical Properties:

Physical State	Liquid	Method
Flash Point	>23°C	DIN 53213
Viscosity	60±5 Sec B4 30°C	DIN 53211
Specific Gravity	0.99±0.03	
Vapor Density	11	
Lower Explosion Limit	1.0	
Solubility in Water	Not soluble	

Stability and Reactivity:

Stable under recommended storage and handling conditions (See Section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Toxicological Information:

- There are no data available on the preparation itself.
- Exposure to component solvents, vapors concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system.
- Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.
- The liquid splashed in the eyes may cause irritation and reversible damage.

Ecological Information:

- There are no data available on the preparation itself.
- The product should not be allowed to enter drains or watercourses.

Disposal Considerations:

- Do not allow into drains or watercourses.
- Empty containers are to be deposited according to the official rules.

Transport Information:

Transport only in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

ADR/RID:	Class	: 3		
	Item	: 31c		
Transport Document Name	: 1263	Paint		
IMDG:	Class	: 3.3	UN Nr. :	1263
			MFAG :	310
			EmS :	3-05
Marine Pollutant	:			
Proper Shipping Name	:	Paint		
ICAO/IATA:	Class	: 3	UN Nr. :	1263
Proper Shipping Name	:	Paint		
Packaging Group	:	III		

Regulatory Information:

The requirements of the Classification Packaging and Labeling of Dangerous Substances Regulations: -

The product is labeled as follows:

Dangerous Classification:

Xn Harmful

Contains:

R Phrases: -

10 Flammable.
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
38 Irritating to skin.

S Phrases: -

38 In case of insufficient ventilation, wear suitable respiratory equipment.
51 Use only in well ventilated areas.
23 Do not breathe vapor.

Other Phrases:

Other Information:

Full text of R Phrases appearing in Section 2: -

11 Highly flammable.
20 Harmful by inhalation.
10 Flammable.
23/24/25 Toxic by inhalation, contact with skin and if swallowed
34 Causes burns
40 Possible risks of irreversible effects.
43 May cause sensitization by skin contact
20/21 Harmful by inhalation and in contact with skin
38 Irritating to skin.
36 Irritating to eyes.

The information of this MSDS is based on the present state of our knowledge and on current EEC and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under Section 1 without first obtaining written handling instruction.

It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product. It is not to be considered as a guarantee of the products' properties.

The information in this Safety Data Sheet is required pursuant to Dangerous Substances Regulations 26.10.1993.

Version No: BPP1/08/2021. Please note that this data sheet supersedes all previous versions.

BERGER PAINTS INDIA LIMITED

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IMPERIA AMAZE

Acrylic White Glossy



Composition/Information on Ingredients:

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

CAS No.	Names	Conc.	Symb.	R Phrases
100-41-4	Ethylbenzene	4.5-10	Xn	11-20
1330-20-7	Xylene. mixture of isomers	20-30	Xn	10-20/21-38
123-86-4	N-Butyl Acetate	25-35	Xi	10-66-67
108-65-6 (See full text of R Phrases under Chapter 16)	MPA	25-35	Xi	R 12 36

Hazards Identification of the Preparation:

Xn Harmful
10 Flammable
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

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 patient warm and at rest, if breathing is irregular or stopped. Administer artificial respiration. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.

Eye Contact: Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.

Ingestion: If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting.

Fire-fighting Measures:

Extinguishing Media: Recommended – Alcohol Resistant Foam, CO2 Powders, Water spray.
Not to be used : Waterjet.

Accidental Release Measures:

- Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (See Section 13). Do not allow to enter drains or watercourses.
- Clean preferably with a detergent. Avoid use of solvents.
- If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

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 allow run-off from fire fighting to enter drains or watercourses.

Handling and Storage:

Handling:

- Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits.
- Additionally, 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.
- Preparation may charge electrostatically. Always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing and floors should be of the conducting type.
- Keep container tightly closed. Isolate from sources of heat, sparks and open flame. No sparking tools should be used.
- Avoid skin and eye contact. Avoid inhalation of vapor and spray mist. Smoking, eating and drinking should be prohibited in application area.
- For personal protection, see Section 8.
- Never use pressure to empty. Container is not a pressure vessel.
- Always keep in containers of same material as the original one.
- Comply with the health and safety at works laws.

Storage:

- Although the storage and use of this product is not subject to specific statutory requirements. Observation of the principles of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations as appropriate will be seen as good industrial practice in meeting the general duties of the Health and Safety of Work Act.
- Observe label precautions. Store between 15 and 30°C in a dry, well ventilated place away from sources of heat and direct sunlight.
- Keep away from sources of ignition. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.
- No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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 vapor below the OEL, suitable respiratory protection must be worn.

Exposure Limits:

Occupational Exposure Limit for:

CAS No.	Names	STEL	LTEL
100-41-4	Ethylbenzene	MAK	100.00 Ppm
1330-20-7	Xylene. mixture of isomers	MAK	100.00 Ppm
123-86-4	N-Butyl Acetate	MAK	100.00 Ppm
108-65-6	MPA	MAK	100.00 Ppm

Personal Protection:

Respiratory Protection: When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

Hand Protection: For prolonged or repeated contact, use: Barrier creams may help to protect the exposed areas of the skin. They should, however, not be applied once exposure has occurred.

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

Skin Protection: Personnel should wear antistatic clothing's made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

Physical and Chemical Properties:

Physical State	Liquid	Method
Flash Point	>23°C	DIN 53213
Viscosity	40±5 Sec B4 30°C	DIN 53211
Specific Gravity	1.23±0.03	
Vapor Density	11	
Lower Explosion Limit	1.0	
Solubility in Water	Not soluble	

Stability and Reactivity:

Stable under recommended storage and handling conditions (See Section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Toxicological Information:

- There are no data available on the preparation itself.
- Exposure to component solvents, vapors concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system.
- Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.
- The liquid splashed in the eyes may cause irritation and reversible damage.

Ecological Information:

- There are no data available on the preparation itself.
- The product should not be allowed to enter drains or watercourses.

Disposal Considerations:

- Do not allow into drains or watercourses.
- Empty containers are to be deposited according to the official rules

Transport Information:

Transport only in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

ADR/RID:	Class	: 3		
	Item	: 31c		
	Transport Document Name	: 1263	Paint	
IMDG:	Class	: 3.3	UN Nr. :	1263
			MFAG :	310
			EmS :	3-05
	Marine Pollutant	:		
	Proper Shipping Name	:	Paint	
ICAO/IATA:	Class	: 3	UN Nr. :	1263
	Proper Shipping Name	:	Paint	
	Packaging Group	:	III	

Regulatory Information:

The requirements of the Classification Packaging and Labeling of Dangerous Substances Regulations: -

The product is labeled as follows:

Dangerous Classification:

Xn Harmful

Contains:

R Phrases: -

10 Flammable.
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
38 Irritating to skin.

S Phrases: -

38 In case of insufficient ventilation, wear suitable respiratory equipment.
51 Use only in well ventilated areas.
23 Do not breathe vapor.

Other Phrases:

Other Information:

Full text of R Phrases appearing in Section 2: -

11 Highly flammable.
20 Harmful by inhalation.
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23/24/25 Toxic by inhalation, contact with skin and if swallowed
34 Causes burns
40 Possible risks of irreversible effects.
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IMPERIA AMAZE

Acrylic White Matt



Composition/Information on Ingredients:

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

CAS No.	Names	Conc.	Symb.	R Phrases
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Hazards Identification of the Preparation:

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General: In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

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Eye Contact: Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.

Ingestion: If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting.

Fire-fighting Measures:

Extinguishing Media: Recommended – Alcohol Resistant Foam, CO2 Powders, Water spray.
Not to be used : Waterjet.

Accidental Release Measures:

- Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (See Section 13). Do not allow to enter drains or watercourses.
- Clean preferably with a detergent. Avoid use of solvents.
- If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

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 allow run-off from fire fighting to enter drains or watercourses.

Handling and Storage:

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Exposure Controls/Personal Protection:

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Physical and Chemical Properties:

Physical State	Liquid	Method
Flash Point	>23°C	DIN 53213
Viscosity	60±5 Sec B4 30°C	DIN 53211
Specific Gravity	0.99±0.03	
Vapor Density	11	
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Solubility in Water	Not soluble	

Stability and Reactivity:

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Transport only in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

ADR/RID:	Class	: 3	
	Item	: 31c	
Transport Document Name	: 1263	Paint	
IMDG:	Class	: 3.3	UN Nr. : 1263
			MFAG : 310
			EmS : 3-05

Marine Pollutant :
Proper Shipping Name : Paint

ICAO/IATA:	Class	: 3	UN Nr. : 1263
Proper Shipping Name	: Paint		
Packaging Group	: III		