



Material Safety Data Sheet

2K 4+1 Acrylic Filler

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Created : 16.02.2016
Last Updated : -
Reorganization No : -

1- PRODUCT AND COMPANY INFORMATION

1.1. Product Information

Product Name : 2K 4+1 Acrylic Filler

1.2. Product Application

For professional using.

1.3. Supplier

Company Name İmaj Yatırım Endüstri ve Petrol ürünleri Dağıtım A.Ş

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Urgent Situation Consultation

Emergency Telephone Number + 90 212 285 90 84

First Aid Emergency Center 112

Poison Center 114

Fire-Fighting 110

2- PRODUCT INFORMATION ON INGREDIENTS

Material	Cas No	EC No	Concentration	Class	R Phrases	H Phrases
ButylAcetate	123-86-4	204-658-1	% 3-5	GHS07 GHS02	10, 66, 67	226, 336, EUH066
Xylene	1330-20-7	215-535-7	% 3-5	Xn GHS07 GHS02	10, 20/21, 38	226, 312, 332, 315
Acrylic Resin	-----	-----	% 25,40	Xn, F, Xi	10, 20/21, 38, 48/20	225, 335, 332, 315, 334



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Surface Corrector	-----	-----	% 0,1-0,5	F, Xi, Xn, N	10, 37, 51/53, 66, 67	226, 335, 336, 411
				GHS02 GHS07 GHS09		
Dispergetor	-----	-----	% 0,5-1	Xn	10, 20/21, 38	226,312,315, 332
				GHS07 GHS02		
PMA	-----	-----	% 1-5	Xi	10, 37	226, 315

3- DECRPTION OF LOSS

3.1 Material or mixture classification

Product Identification: Mixture

Classified according to the 1272/2008 (SEA/GHS) (AB) statute

According to the Regulation of 1272/2008 EC the product related to hazardous materials.

Classified according to the 1999/45 EC directive

Xi: Irritating Xn : Harmful F-Flaming

Risk Phrases :

R10, R66, R67,R42,R37/38, R20/21,R11,R38,R36,R48/20,R36/37/38,R20/21/22

Safety Phrases:

S2, S25,S23, S24, S16, S64

Healty Phrases:

H226,H332,H336,H315,H312,H335,H334,H411,E225,E302,EUHO66

Health hazards for humans: Repeated exposure may cause skin dryness and cracks.
Steam can cause drowsiness and dizziness.

Environmental Hazards: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



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Other hazards not included in the classification: Long term or repeated contact may cause skin dryness and irritation.

According to healthy indication for more information look at the section 15.

According to H declarations which mentioned above look at the section 15.

4- FIRST AID AND MEASURES

Eyes: If you have remove contact lenses .Minimum 15 minutes rinse with water holding eyelids open. Do not rubbing and close the eyes. If the symptoms increase, medical help must be taken.

Leather: In case of contact with skin wash with plenty of water and soap. Take out contaminated clothing. Do not use thinner or other solvents. If irritation occurs, medical help must be taken.

Ingestion: If swallowed medical help must be taken. Show product box and label. Do not allow vomiting. If there is loss of consciousness do not give anything to the mouth, hold the exposed person in a lying position.

Inhalation : Remove person to fresh air immediately. If there is Inhalation difficulty, give oxygen. If necessary do artificial respiration. If the condition does not improve consult a doctor.

Acute or later occur symptoms: Not available.

Medical Intervention and signs for special treatment: There is no evidence that this is a very important indication. If exposed, show the MSDS form to the doctor.

5- FIGHTING MEASURES

5.1 Extinguishing Media:

Fire-Fighting Equipment Used In: Carbon dioxide, chemical powder, foam. (For big fires Alcohol-resistant foam)

Extinguishing Media which must not be used for safety reason : Full jet of water .Using full jet of water may effect fire splashing and spreading.

The person who extinguishes the fire must wear special protective clothing. Must use self-breathing masks that cover the face.



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6- FORMATION OF ACCIDENT PRECAUTIONS

Personal precautions/Personel Protection: Use personel protective equipment(anti acid cloth,gloves,shoes).Avoid to breathe steams,fog or gas.Use mask.Use well ventilated area.Remove all the fire sources.Do not contact with the skin.

Environmental Protection Precautions :

Do not allow spilled material to enter the Sewer system,sources of drinking water supply or waterways.

Cleaning/Collection/Disposal Methods:

Collect spilled product and collect with dry sand or similar inert material and dispose it according to local regulations.Dirty place must be well cleaned.If It is spreading environment, Information should be given to the authorized units.

7- HANDLING AND STORAGE

Handling :

Use it in a well ventilated area then wash your hands well.Take out contaminated clothing and wash before reuse.Use personal protective equipment.Do not contact with eyes,skin and clothes.Keep it in a tightly closed container. Avoid heat, sparks and flame contact. Use it with well ventilated area .

Storage : Keep it in a tightly closed container. Between 5-30C Keep in a cool, dry and well ventilated area.Separate from the items to be avoided. Keep away from active metals .Ground all the equipment.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls limits are listed at the below. Use it with well ventilated area.If exposed to a density above the limit use suitable and approved gas masks.

Material Name	Exposure Limit Values
Xlene	TWA: 221 mg/m ³ 8 hours
	TWA: 50 ppm 8 hours
	STEL: 442 mg/m ³ 15 minutes
	STEL: 100 ppm 15 minutes
Butly Acetate	TWA: 710 mg/m ³ 8 hours
	TWA: 150 ppm 8 hours



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Exposure Controls:

Keep away from food, drink or smoke. Avoid contact with the eyes and skin. Before and after working wash the hands well. Do not breathe steam/fog. If there is exposure control use below mentioned personnel protective equipment .

Eye Protection : Use suitable protective glasses (regarding to EN 166).

Hand Protection: It is advisable to wear protective gloves such as butyl or nitrile.

Respiratory Protection: Use full face mask combined with respiratory cartridge which is suitable for EN 143 Abek (EN 14387).

Skin and Body Protection: Regarding to your work type, choose the best protective body equipment.

Hygiene Measures: Carry it according to industrial hygiene and safety regulations. Wash your hands before stopping work and at the end of the work.

Environmental exposure Controls:

Product and packaging are not exported. For the protection of the environment all the issues must be done regarding to existing legislation.

9- PHYSICAL AND CHEMICAL PROPERTIES

General Information:

Appearance	Liquid (20°C)
Flavor	Strong
Colour	Grey, black, white
Density (g/cm ³) (20°C)	1,6 (+/- 0,05 gr/ cm ³)
Point of ignition (°C)	26 (closed container)
Resolution	Solubility in water is very poor.

10- STABILITY AND REACTIVITY

Stability: Stable under normal storage and handling conditions closed container room temperature.

Possibility of hazardous reaction : There is not any information.



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Thermal decomposition/Situations to avoid: It's a flammable substance. Keep away from strong oxidizing agents, peroxide, strong acids and bases. Keep away from heat sources and sunlight. Avoid situations that create static electricity.

Hazardous Defect Products : Under normal conditions of use and storage, hazardous defect and decomposition products will not occur. In case of thermal breakdown carbon monoxide, and other gases can occur.

11- TOXICOLOGY INFORMATION

- Breathing** : Long-term exposure causes irritation.
- Swallowing** : If it is swallowed, it causes a damage to the stomach, food pipe and gastrointestinal.
- Skin Contact** : Causes skin irritation and dryness.
- Eyes Contact** : Serious and permanent damage may be caused.
- Acute Toxicity** : There are no acute toxicity values of the substance. The toxicity values of other toxic substances are given at the below.

Material	LD50 Oral	LD50 Dermal
Xylene	>20000 mg/kg (rat)	> 2000 mg/kg (rabbit)
Butyl Acetate	13100 mg/kg (rat)	> 5000 mg/kg (rabbit)

- Chronic Toxicity** : There are no known significant effects or critical hazards.
- Sensitization** : If contact with skin sensitization may occur.
- Carcinogenic** : There are no known significant effects or critical hazards.
- Mutagenicity** : There are no known significant effects or critical hazards.
- Reproductive toxicity** : There are no known significant effects or critical hazards.
- Continuous Exposure:** On the skin may cause instability and cracking.

12- ECOLOGICAL INFORMATION

Ecotoxicity : The product should not be allowed to mix with soil, ground water and sewerage. It does not dissolve in nature due to its ingredients. Toxicity informations are like at the below.



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Material	Xylene
Fish Toxicity (LC50)	1-10 mg/L (48 hours)
Daphnia Toxicity, (EC50)	1-10 mg/L (48 hours)
Alg Toxicity (EC50)	1-10 mg/L (48 hours)
Bacterium Toxicity (EC50)	There is not any information.
Bio resolution	Bio-soluble
PBT/vPvB	It is not available because chemical safety assessment is not required.

13- DISPOSAL CONSIDERATIONS/ SUGGESTIONS FOR PRODUCT DISPOSAL

Disposal Instructions: Disposal must be suitable for the existing statutes and regulations and the material specifications during the destruction. Contact with manufacturer for recycling.

Wastes of Residues/Unused Products: Remove waste and residues in accordance with local regulations.

14- TRANSPORT INFORMATION

Product Transport Name: Paint and paint related material

Road Transport – ADR :

UN No	1263	Class	3; Flammable liquid
Packing Group	III	Packing Group	P001, IBC03,LP01, R001
Special judgment	163, 367, 640E, 650	Limited Quantity	5 L
Exemption	1.000 lt.	Exceptional Quantity	E1
Hazard Identification	33	Tunnel Category	D/E



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Sea Transport – IMGD :

UN No	1263	Class	3; Flammable liquid
Packing Group	III	Packing Group	P001, IBC03,LP01,R001
Special judgment	163, 223, 955	Limited Quantity	5 L
Pollution	Yes-Category A	EMS No	F-E, S-E

Air Transport– IATA :

UN No	1263	Class	3; Flammable liquid
Packing Group	III	Packing Group	P001, IBC03,LP01,R001
Limited Quantity	10 L / Y344		
Packing code			
Maximum Quantity	220L/Y336	Maximum Quantity	60L/Y355
ERG-No	3L		

15 – LEGISLATION INFORMATION

15.1 Safety, Health and Environmental Regulations / Special Legislation for Product or Mixture

EU Legislation : This product has been supplied as a labeled and categorized according to Directive 1999/45 / EC.

Safety Class : S51-Use only well ventilated area.

European inventory: All compounds are listed or separated.

Industrial use: Information on this safety data sheet other health and safety related legislative requirements It does not constitute a guarantee for the user's assessment of the risks in his or her work environment. This product is used in the workplace,Health and safety regulations in the workplace must be observed. Product;" About Regulation Classification of Hazardous Materials and Preparations,Packaging and Labeling"and It is classified and labeled according to the procedures and principles stipulated in the EU directives.



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Shortened R phrases :

- R11 : Easy flammable
- R20/21 : It is harmful when breathing and contact with skin.
- R36/37/38 : Irritating to eyes, respiratory system and skin irritant.
- R66 : Repeated exposure causes dryness and cracks on the skin.
- R67 : Steam may cause dizziness and drowsiness.
- R42 : Inhalation may cause sensitization.

Shortened S phrases :

- S2 : Keep away from children's reach.
- S7/9 : Keep the container closed and in a cool area.
- S16 : Keep away from ignition sources.– Do not smoke.
- S23 : Do not breathe steam.
- S24 : Do not contact with skin.
- S25 : Do not contact with eyes.
- S26 : If there is a contact with eyes wash with water and apply a doctor
- S33 : Take precautions against static discharges
- S36/37/39 : Use protective clothing,gloves,mask and glasses.
- S46 : If swallowed medical help must be taken.Show product box,label and msds.
- S51 : Use only well ventilated area.

Shortened H phrases:

- H315 : Irritates skin
- H225 : Fammable liquid and steam.
- H373 : It may give a damage to the organs when it is constantly breathing.
- H332 : It is harmful when breathe.
- H312 : It is harmful when contact with skin.
- H335 : Causes respiratory irritation.
- H336 : Possible risk of harm to fertility and unborn
- H334 : Inhalation may cause allergic or asthmatic symptoms or inhalation difficulties.
- EUH066 : Repeated exposure causes dryness and cracks on the skin.

Shortened Prevention Phrases:

- P210 : Keep away from ignition sources
- P233 : Keep it in a tightly closed container
- P240 : Keep the container in the suitable package ang place.



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P241 : Use Electricity / Ventilation / lighting / equipment against to explosion.

P242 : Take precautions against to static discharge.

P261 : Do not breath gas, steam,fog.

P280 : Use protective clothes,gloves,glasses and face protector.

P264 : If there is any connection with the skin wash with plenty of water.

P271 :Use it a a well ventilated area.

P285 :If there is not a well ventilated area use a mask.

P260 : Do not breathe it.

Shortened Reaction Phrases:

P303-P361-P353 : In case of contact with skin take out contaminated clothing.Wash the skin with water and soap slowly.

P305-351-338 : In case of contact with eyes wash with plenty of water.If you have remove contact lenses.

P332-313 : If there is a damage on the skin consult a doctor.

P304-340 : In case of inhalation remove person to fresh air.Hold in a lying position to have well breath.

363 : Wash contaminated clothing before resuse.

P312 : If there is any problem apply a doctor.

P302-352 : In case of contact with skin wash with soap slowly.

308-313 : If exposed,apply a doctor.

Shortened Storage Phrases :

P403-235 :Keep it in a well vantilated area.Keep it cold

P405 : Keep it in a tightly closed container.

Shortened Disposal Phrases:

P501 : Dispose of it according to your legal obligations.

15.2 Other Legislation

1907/2006 (REACH) (CE) arrangement disapproved items : Invalid

Regarding to ozon layer corrosive substances 1005/2009 (CE) arrangement : Invalid

98/8/CE Directive Additional I or at IA Non-active ingredients: Invalid



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Due to hazardous materials import and export 689/2008 (CE) arrangement: Invalid

For some metarials and hazardous mixtures marketing and using limitations (REACH Regulation additional XVII): Invalid

For the persons or environment special provisions on protection : All precautions İn MSDS should be taken.

Other legislation: Invalid.

16- OTHER İNFORMATIONİS

☐ Additional Information:

Regarding to information in this document,the best information has been given.It is not certainty guarantee.These information only for safety transport,handling,processing,storage,transport, destruction and evacuation.These informations are valid only for specified item/preparation and If this item/preparation compare with other item/preparation or using with other process may not be valid.

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