SAFETY DATA SHEET

2000 Mastermix Basecoat Binder

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	: 2000 Mastermix Basecoat Binder
Intended Use	: Use in coatings – Binder
Manufacturer Legal Name	: BK ENTERPRISES
Manufacturer Trade Name	: NEON COATINGS
Registered Office Address	: Plot No 145, BK Enterprises, Koorgally Industrial Area Phase 3, Mysuru (Mysore), Karnataka, 570018. INDIA
Telephone No	+91 8550855014
Email	customerservice@flurolac.com
Supplier Emergency Telephone No	+91 8550855014

SECTION 2: HAZARDS IDENTIFICATION

Product Definition	: Mixture	
GHS Classification:		
Flammable Liquid	: Category 3	
Acute Toxicity	Oral	Category 5
	Dermal	Category 5
	Inhalation	Category 4
Skin corrosion/ irritation	: Category 2	
Serious eye damage/ eye irritation	: Category 2A	
Carcinogenicity	: Category 2	
Aquatic toxicity (Acute)	: Category 3	

Label elements

Hazard pictograms

Signal word : Warning

Hazard statements : Flammable liquid and vapour.
Harmful if inhaled
May cause an allergic skin reaction.
May cause respiratory irritation.

Precautionary statements

Prevention : Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Avoid release to the environment. Do not breathe vapour or spray.

Response : IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures : Mixture

Hazardous components

Chemical Name	CAS No.	Concentration %
Xylene	1330-20-7	≥20 - ≤30
n-Butyl Acetate	23-86-4	≥40 - ≤60
Cellulose, acetate butanoate	9004-36-8	≥10 - ≤20
Acrylic Resin	Not Assigned	≥10 - ≤20

SECTION 4: 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. If unconscious, place in recovery position and seek medical advice.

Eye contact : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

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

Inhalation : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

If Swallowed : Immediately call a POISON CENTER or doctor/physician

SECTION 5: FIRE-FIGHTING MEASURES

Unsuitable extinguishing media : Do not use water jet

Suitable Recommended extinguishing media : Alcohol-resistant foam, CO_2, powders, water spray, dry Sand.

Hazards from the substance or mixture : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Hazardous thermal decomposition products : Decomposition products may include the following materials: Carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Special protective actions for fire-fighters : Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

Special protective equipment for fire-fighters : Appropriate breathing apparatus may be required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Avoid all sources of ignition (e.g. naked lights, unprotected light bulbs, electric handtools).

Ventilate the area and avoid breathing vapors.

Wear protective clothing and self-contained breathing apparatus when dealing with spillage or fire.

Collect spillage, where practicable, for safe disposal.

Should be disposed of wastes and empty containers in accordance with regulations made under the control of pollution acts and the environmental protection acts.

Collect spillage, where practicable, using absorbent material, and dispose of spillage on the floor in a safe manner.

Keep away from drains, surface-and ground-water and soil.

Do not allow spills to enter drains or water courses.

SECTION 7: HANDLING AND STORAGE

Store in a well-ventilated place.

Keep container tightly closed. Store locked up.

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Wash thoroughly after handling.

Storage temperature : Store bellow 40 deg.C. (104deg.F.)

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure limit:

Ingredient Name	Occupational exposure limits
Xylene	TWA: 221 mg/m³, 0 times per shift, 8 hours.
	TWA: 50 ppm, 0 times per shift, 8 hours.
	STEL: 442 mg/m³, 0 times per shift, 15 minutes.
	STEL: 100 ppm, 0 times per shift, 15 minutes.
n-Butyl Acetate	STEL: 150 ppm 15 minutes
	TWA: 50 ppm 8 hours
Methoxy Propyl Acetate	TWA: 275 mg/m³ 8 hours.
	TWA: 50 ppm 8 hours.
	STEL: 550 mg/m³ 15 minutes.
	STEL: 100 ppm 15 minutes.

Personal protection :

Respiratory protection : Wear NIOSH-Approved appropriate equipment.

Hand protection : Wear impervious gloves.

Eye protection : Wear chemical splash goggles and face shield when eye and face contact is possible due to splashing or spraying of material.

Skin protection : Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate.

Environmental exposure control : Do NOT let this product enter the environment

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state : liquid
Color : Milky white
Odor : Solvent odor
Initial boiling point and boiling range : >100°C
Flash point : Closed cup: 28°C
Evaporation rate : Not available.
Lower explosion limit : 1.2 % by volume(Xylene)
Upper explosion limit : 10.5 % by volume(xylene)
Relative density : 0.90
Solubility in water : none or poor in water.

SECTION 10: STABILITY AND REACTIVITY

Stability : Stable under recommended storage and handing conditions (see section 7). When exposed to high temperature, may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, oxides of nitrogen and smoke.

Hazardous reaction : Hazardous reaction will not occur.

Condition to avoid : Avoid heating temperatures above 30 deg.C.

Materials to avoid : Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid possible exothermic reactions

Hazardous decomposition products : The products decomposed on heating producing their oxide or monomers.

SECTION 11: TOXICOLOGICAL INFORMATION

There are no data available on the product itself.

Toxicological information of ingredients

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
xylene	LC50 Inhalation Vapour	Rat	27.6 mg/l	4 hours
	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-
n-butyl acetate	LC50 Inhalation Vapour	Rat	>21.1 mg/l	4 hours
	LD50 Dermal	Rabbit	>14112 mg/kg	-
	LD50 Oral	Rat	10760 mg/kg	-
Methoxy Propyl Acetate	LD50 Dermal	Rat	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Solvent Naphta (Petroleum)	LC50 Inhalation Vapour	Rat	>6193 mg/l	4 hours
	LD50 Dermal	Rabbit	>3160 mg/kg	-
	LD50 Oral	Rat	3592 mg/kg	-

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

There are no data available on the mixture itself

Do not allow to enter drains or watercourses.

Product/ingredient name	Result	Species	Exposure
xylene	Acute EC50 1 to 10 mg/l	Algae	72 hours
	Acute EC50 1 to 10 mg/l	Crustacea	48 hours
	Acute LC50 1 to 10 mg/l	Fish	96 hours
n-butyl acetate	Acute EC50 397 mg/l	Algae	72 hours
	Acute EC50 44 mg/l	Crustacea	48 hours
	Acute LC50 18 mg/l	Fish	96 hours
Methoxy Propyl Acetate	Acute EC50 >1000 mg/l	Algae	96 hours
	Acute EC50 408 mg/l	Crustacea	48 hours
	Acute LC50 134 mg/l	Fish	96 hours
Solvent Naphta (Petroleum)	Acute EC50 2.9 mg/l	Algae	72 hours
	Acute EC50 3.2 mg/l	Crustacea	48 hours
	Acute LC50 9.2 mg/l	Fish	96 hours

SECTION 13: DISPOSAL CONSIDERATIONS

Avoid release to the environment

Dispose of contents/container in accordance with local/regional/national/ international regulation.

SECTION 14: TRANSPORT INFORMATION

	ADR/RID	AND	IMDG	IATA
UN number	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
Transport hazard class(es)	3 	3 	3 	3 
Packing group	III	III	III	III

Special precautions for users: always transport in closed containers that are upright and secure

SECTION 15: REGULATORY INFORMATION

Please refer to any other national measures that may be relevant.

SECTION 16: OTHER INFORMATION

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information.