

MSDS NO: SYKJ-001

CAS NO: 110-26-9

DATE: 01-01-2022

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

PRODUCT NAME: **CYLINK⁺ MBA Monomer**

PRODUCT DESCRIPTION: N,N'-methylenebisacrylamide

FACTORY APELLATION: Liaoning SanYang Advanced Material Technology Co.,Ltd

FACTORY ADDRESS: Maoqi county , Haicheng city, Liaoning province, china

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2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

COMPONENT	CAS.NO.	%	EEC SYMBOL	RISK PHEASES
N,N'-Methylene-Bisacrylamide	110-26-9	≥98	Xn	R: 22

3. HAZARDS IDENTIFICATION

HUMAN HAZARDS

Harmful by inhalation and if swallowed.

Danger of cumulative effects.

4. FIRST AID MEASURES

INGESTION

If quantities greater than 15 cc are swallowed, induce vomiting immediately as directed by medical personnel.

Never give anything by mouth to an unconscious person.

SKIN CONTACT

Wash immediately with plenty of water and soap.

EYE CONTACT

Rinse immediately with plenty of water for at least 15minutes.

INHALATION

Remove to fresh air.

If breathing is difficult, give oxygen.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Use water spray or fog, carbon dioxide or dry chemical.

PROTECTIVE EQUIPMENT

Firefighters, and others exposed, wear self-contained breathing apparatus.

Wear full firefighting protective clothing.

See special Section 8 (Exposure Controls/Personal Protection)

SPECIAL HAZARDS

Dust may be explosive if mixed with air in critical proportions and in the presence of a source of ignition.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Take off immediately all contaminated clothing.

If you feel unwell, seek medical advice (show the label where possible).

Keep container tightly and in a well-ventilated place.

METHODS FOR CLEANING UP

Sweep up into containers for disposal.

Flush spill area with water.

7. HANDLING AND STORAGE

HANDLING

Minimize dust.

STORAGE

None

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

CONTROL PARAMETERS-Limits

COMPONENT	CAS.NO.	%	MAK VALUE	REFERENCE
N,N'-Methylene-Bisacrylamide	110-26-9	≥98.00	5mg/m ³	Cyanamid

ENGINEERING MEASURES

Where this material is not used in a closed system, good enclosure and local exhaust ventilation should be provided to control exposure.

RESPIRATORY PROTECTION

In case of insufficient ventilation, wear suitable respiratory equipment.

EYE PROTECTION

Wear eye / face protection, chemical goggles, and face shield.

Eyewash equipment and safety shower should be provided in areas of potential exposure.

SKIN PROTECTION

Wear impermeable gloves and suitable protective clothing.

ADDITIONAL

Food, beverages, and tobacco products should not be carried, stored, or consumed this material is in use.

Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water.

It is recommended that a shower be taken after completion of work shift especially if significant Contact has occurred.

Work clothing should then be laundered prior to reuse.

Street clothing should be stored separately from work clothing and protective equipment.

Work clothing and shoes should not be taken home.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOUR: colourless

MATERIAL STATE:	crystalline solid
ODOUR:	odourless
BOILING POINT:	Not applicable
MELTING POINT:	185°C
VAPOUR PRESSURE:	Not applicable
SPECIFIC GRAVITY:	1.24@30c
VAPOUR DENSITY:	5.31
%VOLATILE (By Wt.):	Negligible
PH:	Not applicable
EVAPORATION RATE:	Not applicable
SOLUBILITY IN WATER:	Slight
FLASH POINT:	Not applicable
FLAMMABLE LIMITS (%By vol):	Not applicable
AUTOIGNITION TEMP:	Not available
DECOMPOSITION TEMP:	Not available

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID

Keep away from heat, spark, and flame. Initiators, (e.g., peroxides). Also copper, aluminum, brass and bronze.

Avoid contact with acids and oxidizing agents. N, N'-Methylenebisacrylamide solution. N,N'-Methylenebisacrylamide solution.

MATERIALS TO AVOID

Strong oxidizing agents; polymerization initiators.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide; carbon dioxide; ammonia; oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

EEC SUBSTANCE/PREPARATION TOXICITY CLASSIFICATION

Oral LD50 (rat):	Harmful	390mg/kg	(actual)
Dermal LD50 (rabbit):	No data		
Inhalation LC50 (4-hour rat):	Harmful	>2.0mg /L	(estimated)
Skin Irritation (rabbit):	Not irritating		
Eye Irritation (rabbit):	Not irritating		
Dermal sensitization:	Not sensitizing		
Inhalation Sensitization:	Not sensitizing		
Ames Salmonella Assay:	No data		

POTENTIAL HEALTH EFFECTS

Harmful by inhalation and if swallowed.

Danger of cumulative effects.

HAZARDOUS INGREDIENT TOXICITY DATA

000110-26-9 N, N'-METHYLENE-BISACRYLAMIDE

Type	Route	Species	Results	Assessment
Acute LD50 (Actual)	oral(gavage)	rat	390 mg/kg	harmful
Acute LC50 (4 hr)	inhalation	rat	>2.0mg/l	Toxic
Acute Dermal Irritation		rabbit		not irritating
Acute Eye Irritation		rabbit		not irritating
Skin Sensitization		guinea pig		not sensitizing
May Cause Nervous System Damage				

12. ECOLOGICAL INFORMATION

ASSESSMENT

No aquatic LC50, BOD, or COD data available.

TEST RESULTS

Octanol/H₂O Partition Coef : Not available

13. DISPOSAL CONSIDERATIONS

By permission, Liaoning SanYang Advanced Material Technology Co., Ltd
Encourages the recycle, recovery and reuse of materials, where permitted. If disposal is necessary, Liaoning Haicheng Sanyang Chemical Factory recommends that organic materials, especially when classified as hazardous waste, be disposed of by all local and national regulations should be followed.

14. TRANSPORT INFORMATION

DOT (US) Not dangerous goods

IMDG Not dangerous goods

IATA Not dangerous goods

ADDITIONAL TRANSPORT INFORMATION

TECHNICAL NAME (N.O.S.): Contains N,N'-Methylenebisacrylamide

15. REGULATORY INFORMATION

EEC MARKING AND LABELING

SYMBOL: Xn Harmful

RISK PHRASES: R20/22 Harmful by inhalation and if swallowed.
R33 Danger of cumulative effects.

SAFETY PHRASES: S27 Take off immediately all contaminated clothing.
S44 If you feel unwell, seek medical advice (show the label where possible).
S7/9 Keep container tightly closed and in a well-ventilated place.

INVENTORY INFORMATION

EEC EINECS: All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) in compliance with Council Directive 67/548/EEC and its amendments.

US TSCA: This product is manufactured in compliance with all provisions of the Toxic Substances Control, 15U.S.C.2601et. seq.

CANADA DSL: Components of this product have been reported to Environment Canada in

Accordance with subsection 25 of the Canadian Environmental Protection Act and are included on the Domestic Substances List.

16. OTHER INFORMATION

REASON FOR ISSUE

Revised Section 14

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