



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
GHS: The Globally Harmonized System of Classification and Labeling of Chemicals

AU060R  
Revision Number 1

Revision date 28-Mar-2022  
Supersedes Date: 28-Mar-2022

## 1. Identification

### Product identifier

Product Name AU060R  
Pure substance/mixture Mixture

### Details of the supplier of the safety data sheet

#### Responsible Party

Bostik (Shanghai) Management Co., Ltd  
Building 1, No.968 Guanghai Road,  
Minhang District  
Shanghai, China  
Tel: 021-60763101  
Fax: 021-60763133

#### Manufacturer

Bostik-Nitta Co., Ltd  
2-22,Futamata  
Yao-City, Osaka, (P.C. 581-0024)  
Japan  
Tel: +81-72-948-8286  
Fax: +81-72-948-8273

See section 16 for more information.

E-mail address SDS.AP@Bostik.com

### Emergency telephone number

Emergency Telephone 0532-8388 9090 (China only)  
**Chemtrec** (Transport/Environmental): 1-800-424-9300  
1-703-527-3887 (Outside U.S.)

### Recommended use of the chemical and restrictions on use

Recommended use Adhesive  
Restrictions on use No information available

## 2. Hazard(s) identification

### Classification of the substance or mixture

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Hazardous to the Aquatic Environment - Acute Hazard	Category 3
Hazardous to the Aquatic Environment - Chronic Hazard	Category 3

### Label elements



Signal word Warning

### Hazard statements

H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H412 - Harmful to aquatic life with long lasting effects

### Precautionary statements

#### Prevention

P264 - Wash face, hands and any exposed skin thoroughly after handling  
P273 - Avoid release to the environment  
P280 - Wear protective gloves/protective clothing/eye protection/face protection

# SAFETY DATA SHEET

AU060R  
Revision Number 1

Revision date 28-Mar-2022  
Supersedes Date: 28-Mar-2022

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap  
P332 + P313 - If skin irritation occurs: Get medical advice/attention  
P362 + P364 - Take off contaminated clothing and wash it before reuse  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337 + P313 - If eye irritation persists: Get medical advice/attention

## Disposal

P501 - Dispose of contents/ container to an approved waste disposal plant

## Other hazards

No information available.

## 3. Composition/information on ingredients

### Substance

Not applicable.

### Mixture

Chemical name	CAS No	Weight-%
Poly(oxy-1,2-ethanediyl), $\alpha$ -(1-oxo-2-propen-1-yl)- $\omega$ -(nonylphenoxy)-	50974-47-5	40 - <60
Urethane acrylate	-	20 - <30
Isooctadecyl acrylate	93841-48-6	10 - <20
Hydroquinone	123-31-9	0 - <0.1

\*\*\* Any remaining ingredients are not hazardous

## 4. First-aid measures

### Description of necessary first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air. Get medical attention immediately if symptoms occur.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. In case of accidental eye contact avoid concurrent exposure to the sun or other sources of UV light which may increase the sensitivity of the eyes.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists. In case of accidental skin contact avoid concurrent exposure to the sun or other sources of UV light which may increase the sensitivity of the skin.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

### Most important symptoms/effects, acute and delayed

**Symptoms** May cause redness and tearing of the eyes. Burning sensation.

### For emergency responders

**Self-protection of the first aider** Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

**Note to physicians** Treat symptomatically.

# SAFETY DATA SHEET

AU060R  
Revision Number 1

Revision date 28-Mar-2022  
Supersedes Date: 28-Mar-2022

## 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam.

**Unsuitable extinguishing media** No information available.

**Specific hazards arising from the chemical** Hazardous polymerization may occur. Containers may explode when heated.

**Hazardous combustion products** Carbon oxides. Silicon dioxide.

### Special protective actions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

**Other information** Refer to protective measures listed in Sections 7 and 8.  
**For emergency responders** Use personal protection recommended in Section 8. Remove all sources of ignition. Ventilate the area.

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas. Do not allow to enter into soil/subsoil.

### Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.  
Pick up and transfer to properly labeled containers.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. Handling and storage

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing.

See Section 8 for information on appropriate personal protective equipment

### Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Store in a well-ventilated place. Do not freeze. Keep away from open flames, hot surfaces and sources of ignition. Keep out of the reach of children.

Keep at temperatures between 41 and 77 °F / 5 and 25 °C.

**Incompatible materials** Strong acids. Strong bases. Strong oxidizing agents. Peroxides. Bases. Finely powdered metals. Exothermic reaction with. radical initiators.

## 8. Exposure controls/personal protection

# SAFETY DATA SHEET

AU060R  
Revision Number 1

Revision date 28-Mar-2022  
Supersedes Date: 28-Mar-2022

## Occupational exposure limits

Chemical name	China	ACGIH TLV	India	Indonesia	Malaysia	Thailand	Vietnam
Hydroquinone - 123-31-9	TWA: 1 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup>	dermal sensitizer TWA: 1 mg/m <sup>3</sup>	-	TWA: 1 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	STEL: 1.5 mg/m <sup>3</sup> TWA: 0.5 mg/m <sup>3</sup>

**Note** See section 16 for terms and abbreviations

## Biological occupational exposure limits

No data available

## Monitoring and observation processes

No applicable information was found.

## Engineering controls

Showers  
Eyewash stations  
Ventilation systems.

## Individual protection measures, such as personal protective equipment

### Eye/face protection

If splashes are likely to occur, wear safety glasses with side-shields.

### Skin and body protection

Wear suitable protective clothing. Long sleeved clothing.

### Hand protection

Wear suitable gloves. Impervious gloves.

### Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

### General hygiene considerations

Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	Gel Paste
Color	Purple
Physical state	Solid
Odor	Slight Resinous
Odor threshold	No information available

Property	Values	Remarks • Method
pH	No data available	Not applicable
pH (as aqueous solution)	No data available	
Melting point / freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flash point	No data available	
Evaporation rate	No data available	
Flammability	No data available	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	
Relative vapor density	No data available	
Relative density	No data available	
Water solubility	No data available	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	350 °C	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	

# SAFETY DATA SHEET

AU060R  
Revision Number 1

Revision date 28-Mar-2022  
Supersedes Date: 28-Mar-2022

## Additional information

**Oxidizing properties** No information available  
**Solid content (%)** No information available  
**Density** No data available

## 10. Stability and reactivity

**Reactivity** Product reacts / cures under exposure of light.

**Stability** Stable under recommended storage conditions.

**Sensitivity to mechanical impact** None.  
**Sensitivity to static discharge** None.

**Possibility of hazardous reactions** None under normal processing.

**Conditions to avoid** None known based on information supplied.

**Incompatible materials** Strong acids. Strong bases. Strong oxidizing agents. Peroxides. Bases. Finely powdered metals. Exothermic reaction with. radical initiators.

**Hazardous decomposition products** None known based on information supplied.

## 11. Toxicological information

### Product Information

**Inhalation** Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

**Eye contact** Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

**Skin contact** Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).

**Ingestion** Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Symptoms** Redness. May cause redness and tearing of the eyes.

### Acute toxicity

### Numerical measures of toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hydroquinone	390 mg/kg (Rattus)	= 74800 mg/kg (Oryctolagus cuniculus)	-

**Skin corrosion/irritation** Classification based on data available for ingredients. May cause skin irritation.

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes serious eye irritation.

**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.

# SAFETY DATA SHEET

AU060R  
Revision Number 1

Revision date 28-Mar-2022  
Supersedes Date: 28-Mar-2022

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

Component Information		
Hydroquinone (123-31-9)		
Method	Species	Results
OECD Test No. 476: In vitro Mammalian Cell Gene Mutation Test	Mouse	Mutagenic

## Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	China	IARC
Hydroquinone	-	Group 3

## Legend

**IARC (International Agency for Research on Cancer)**  
Group 3 - Not Classifiable as to Carcinogenicity in Humans

Component Information		
Hydroquinone (123-31-9)		
Method	Species	Results
OECD Test No. 453: Combined Chronic Toxicity/Carcinogenicity Studies	Rat	Limited evidence of a carcinogenic effect

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**Specific target organ toxicity (single exposure)** Based on available data, the classification criteria are not met.

**Specific target organ toxicity (repeated exposure)** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Hydroquinone	EC50: =0.335mg/L (72h, Pseudokirchneriella subcapitata) EC50: =13.5mg/L (120h, Desmodesmus subspicatus)	LC50 96 h = 0.044 mg/L (Oncorhynchus mykiss flow-through)	EC50: =0.29mg/L (48h, Daphnia magna)

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

## Component Information

Chemical name	Partition coefficient
Hydroquinone	0.59

Chemical name	PBT and vPvB assessment
---------------	-------------------------

# SAFETY DATA SHEET

AU060R  
Revision Number 1

Revision date 28-Mar-2022  
Supersedes Date: 28-Mar-2022

Hydroquinone 123-31-9	The substance is not PBT / vPvB PBT assessment does not apply
--------------------------	--

**Mobility in soil** No information available.

## 13. Disposal considerations

### Waste chemicals

#### **Waste from residues/unused products**

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Handle contaminated packages in the same way as the product itself.

## 14. Transport information

**IMDG** Not regulated

**IATA** Not regulated

**ADR** Not regulated

### **Special precautions for user**

Please refer to the applicable dangerous goods regulations for additional information

## 15. Regulatory information

### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **National regulations**

##### **Malaysia**

- Chemical classification, Labelling and Safety Data Sheets Regulation, 2013(CLASS)
- Industry Code Of Practice 2014 (ICOP)

##### **Indonesia**

- Regulation no. 87/M-IND/PER/9/2009 concerning Globally Harmonized System of Classification and Labelling of Chemicals, as amended by 23/M-IND/PER/4/2013

##### **Singapore**

- SS 586:2014

##### **Vietnam**

- Circular 04/2012/TT-BCT dated 13/02/2012

##### **Philippines**

- Rules and Procedures for the Safety Data Sheet (SDS), Labeling Requirements and Hazards classification under DENR Administrative Order No. 29, series of 1992 of Republic Act 6969

#### **Chemical Control Order**

Not applicable

#### **Priority Chemical List (PCL)**

Not applicable

##### **Thailand**

- Hazard Classification and Communication System of Hazardous Substance B.E. 2555 (2012)

# SAFETY DATA SHEET

AU060R  
Revision Number 1

Revision date 28-Mar-2022  
Supersedes Date: 28-Mar-2022

## The Hazardous Substance Act B.E. 2556 (2013)

Chemical name	Weight-%	The Hazardous Substance Act B.E. 2556 (2013)
Hydroquinone 123-31-9	0 - <0.1	3

### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

### Europe

#### Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

##### SVHC: Substances of Very High Concern for Authorization:

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

##### 2015/863/EU - RoHS

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

## 16. Other information

### Local Contacts

Bostik Findley (Malaysia) Sdn. Bhd Lot 112 & 113, Kawasan Perindustrian senawang, seremban, negeri sembilan, Malaysia Tel: 606-6789788 Fax: 606-6789766	Bostik Asia Pacific 1 Science Park Road, #04-01/05 West Wing, The Capricorn, Singapore Science Park II, Singapore 117528 Tel: +65-6419-9161 Fax: +65-6419-9150	Bostik (Thailand) Co.,Ltd. 1/32, 16A th Floor, Bangnathani Building, Soi Bangna-Trad 34, South Bangna, Bangna, Bangkok, Thailand Tel : 66 (0) 2361 6460-7 Fax : 66 (0) 2361 6469
Bostik Phillippines, Inc. 35/F Raffles Corporate Center, F. Ortigas Jr. Road Ortigas Business Center, Pasig city, Phillippines Tel: 632-900-5656 Fax: 632-900-5622	Bostik Indonesia Setiabudi Atrium Building, Level 2, Suite 203 A Jl. HR Rasuna Said Jakarta Indonesia 12920 Tel: 62 21 521 0404 Fax: 62 21 521 0554	Bostik Vietnam Company Limited 10 Doc Lap Avenue, VSIP 1. Thuan An District, BinhDuong Province. Viet Nam. Tel: 84 650 3765105 Fax: 84 650 3765109
Bostik India Private Ltd 124/1 & 124/2A Kachanayakanahalli Behind Bommasandra Indl.Area Off Hosur Road, Hennagara Post, Anekal Taluk Bangalore - 562106, Karnataka, INDIA Tel: 0091-80-27833520	Jiangsu Bositk Adhesive Co.,Ltd No.15-9, Xinggang Road, Changshu Enconomic Development Zone Jiangsu Province 215536 Tel: 0086-512-52266000 Fax: 0086-512-52266020	Bostik Findley (China) Co.,Ltd No.75, Xin Zhuang 2 Road, Yong He District, GETDD Guangzhou, 511356, China TEL: 020 -32226211 FAX: 020 -32226261



# SAFETY DATA SHEET

AU060R  
Revision Number 1

Revision date 28-Mar-2022  
Supersedes Date: 28-Mar-2022

Fax: 00 91-80-27831324  
Email: Bostikinfo.India@bostik.com

Revision date 28-Mar-2022  
Revision Note \*\*\*Indicates updated data since last publication.

## Abbreviations and acronyms

### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Ceiling Limit Value
*	Skin designation
SVHC	Substance(s) of Very High Concern
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB	Very Persistent and very Bioaccumulative (vPvB) Chemicals
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure

## Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGl(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
RTECS (Registry of Toxic Effects of Chemical Substances)  
World Health Organization

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text

End of Safety Data Sheet