



Removable Sealant

Safety Data Sheet

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Remark: The directives contained in this documents are the results of our experiment and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Removable Sealant
MANUFACTURER: ZheJiang JoinLeader Silicon Co., Ltd.
COMPANY NAME: JoinLeader Adhesive Co., Ltd.
DIVISION: Home
OFFICE ADDRESS: JOIN LEADER Center, 7F/10F/18F, Lvdu World Trade Sq. Bldg.
FACTORY ADDRESS: Hezhong road, Hezhuang Town, Xiaoshan, Hangzhou, Zhejiang, China
EMERGENCY PHONE: 86-571-82661010
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Document Group: Q/JLVC001-2012
Product Use: adhesive
Specific Use: Adhesive and Bond
Intended Use: adhesive

SECTION 2: INGREDIENTS

Ingredient	C.A.S. No.	% by Wt
Styrene-butadiene-styrene block copolymer	9003-55-8	30~50
Petroleum solvent		0~15
Xylene	1330-20-7	25-40
Methylcyclohexane	108-87-2	0-10
Mineral oil	8042-47-5	0-10

SECTION 3: HAZARDS IDENTIFICATION

3.1 Overall Hazard Classification: Flammable liquid and vapor.
3.2 Hazard Information: Causes eye, skin, and respiratory trace irritation.
3.3 Route of Exposure: Inhalation, Skin contact, Eye contact, Ingestion, Skin absorption.

3.4 Possible Health Effects:**Acute:**

Eyes: Contact with uncured product may irritate the eyes..

Skin: May cause mild skin irritation.

Inhalation: Excessive inhalation of vapors may cause nasal and respiratory irritation, acute nervous system depression, fatigue, weakness, nausea, headache, and dizziness.

Ingestion: May be harmful or fatal if swallowed. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury.

Chronic

Skin: Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns.

Inhalation: May irritate digestive tract.



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Ingestion: May be harmful if inhaled. May cause irritation to nose and throat. May cause central nervous system effects, such as headache, nausea, vomiting, abdominal pain, dizziness, confusion, and breathing difficulties. May cause narcosis at high concentrations. Repeated inhalation of high vapor/mist concentrations may cause pulmonary, liver and kidney injury..

3.5 Signs and Symptoms of Overexposure:

No significant adverse effects from a single exposure expected from normal use.

SECTION 4: FIRST AID MEASURES

- 4.1 Eyes:** Flush eyes gently with water for at least 15 minutes. Seek immediate medical attention.
- 4.2 Skin:** Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.
If symptoms develop, immediately move individual away from exposure and into fresh air.
- 4.3 Inhalation:** Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, oxygen may be beneficial if administered by trained personnel.
- 4.4 Ingestion:** Consult a physician or poison control center immediately. **DO NOT INDUCE VOMITING.** If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. If possible, do not leave individual unattended.
- 4.5 Comments:** Get medical attention immediately. Never give anything by mouth to an unconscious person.
- 4.6 Note to physicians:** Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

- 5.1 Flammability:** Flammable
- 5.2 Flash Point:** N/A
- 5.3 Autoignition temperature:** N/A
- 5.4 Hazardous Properties:** Flammable paste and vapor.
- 5.5 Fire:** Flammable paste and vapor.
- 5.6 Explosion:** Sealed containers can explode in a fire.
Self contained breathing apparatus (SCBA) and protective clothing should be worn in fighting fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
- 5.7 Special Fire Fighting Procedures and Equipment:**
- 5.8 Hazardous Combustion Products:** Carbon oxides and traces of incompletely burn May form toxic and corrosive gases: carbon dioxide, carbon monoxide, phenols and various hydrocarbons.
- 5.9 Unsuitable Extinguishing Media:** Water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions:** Wear proper protective equipment (Section 8). Avoid breathing vapors. Make sure area is well ventilated. Spilled adhesive may be slippery.
- 6.2 Environmental Precautions:** Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Avoid breathing vapors.
- 6.3 Methods for Cleaning up:** Collect with an inert absorbant and dispose of properly.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal.

SECTION 7: HANDLING AND STORAGE

- 7.1 HANDLING:** All hazard precautions given in the data sheet must be observed. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only with adequate ventilation. Do not breathe vapors or spray mist. Do not take internally. Close container after each use. Keep out of reach of children.



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- 7.2 STORAGE:** Store material in a cool, well-ventilated area. For maximum product quality, avoid prolonged storage at temperatures above 75°F (25°C). Do not use or store near heat, sparks, or open flame. Keep container tightly closed. Avoid contact with incompatible materials.
- 7.3 Unsuitable Packaging Materials:** None established.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Exposure Limits:** General protection and hygiene measures :Avoid contact with eyes and skin . Do not inhale gases/vapors/aerosols . Do not eat, drink or smoke when handling.
- 8.2 Engineering Controls**
- 8.2.1 Local Ventilation:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below acceptable limits.
- 8.2.2 General Ventilation:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below acceptable limits.
- 8.3 Personal Protective Equipment for Routine Handling**
- 8.3.1 Respiratory protection:** Use a NIOSH approved respirator designed to remove particulate matter and organic solvent vapors.
- 8.3.2 Suitable Respirator:** Avoid breathing of vapors, mists or spray.
- 8.3.3 Eye protection:** Chemical splash goggles in compliance with OSHA regulations are recommended.
- 8.3.4 Hand protection:** Wear chemical protective gloves.
- 8.3.5 Skin protection:** Protective gloves and proper clothing should be worn to prevent skin contact . Gloves should be made of neoprene or natural rubber. A barrier cream may be used for additional skin protection. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
- 8.3.6 Hygiene Measures:** Use a NIOSH approved respirator designed to remove particulate matter and organic solvent vapors.

Note: These precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require added precautions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Item	Data
Specific Physical Form	Paste
Odor, Color, Grade	Clear, organic solvent odor
General Physical Form	Paste
Autoignition temperature	No Data Available
Flash Point	No Data Available
Flammable Limits – LEL	Not Applicable
Flammable Limits – UEL	Not Applicable
Boiling point	No Data Available
Vapor Density	No Data Available
Vapor Pressure	No Data Available
Specific Gravity	0.9[Ref Std WATER=1.0]
pH	Not Applicable
Melting Point	No Data Available
Solubility in Water (%)	Insoluble
Evaporation rate	No Data Available
Volatile Organic Compounds	No Data Available
Percent volatile	No Data Available
VOC Less H2O & Exempt Solvents	No Data Available
Viscosity	Not Applicable
Note: The above information is not intended for use in preparing specifications.	

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under normal handling conditions.
- 10.2 Materials to Avoid:** Avoid contact in uncontrolled conditions with: strong oxidizing agents, strong alkalis and strong acids.



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- 10.3 Conditions to Avoid: High Temperature
10.4 Hazardous Polymerization: Hazardous polymerization will not occur.
10.5 Hazardous Decomposition or By-Products

Substance	Condition
Carbon monoxide	During Combustion.
Carbon dioxide	During Combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Possible Health Effects: Refer to Section 3.4
11.2 Sensitizing Effects: None known.
11.3 Mutagenic Effects: None known.
11.4 Reproductive Effects: None known.
11.5 Carcinogenic Effects: None known.
11.6 Other Health Hazard Information: No known applicable information.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review of the products.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Environmental Fate and Distribution: This material should not be released to sewage, draining systems or any body of water exceeding concentrations of approved limits under applicable regulations and permits.
12.2 Environmental Effects: No bioaccumulation potential.
12.3 Bioaccumulation: No bioaccumulation potential.
12.4 Fate and Effects in Waste Water Treatment Plants: No bioaccumulation potential.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Product Disposal: Dispose of in accordance with applicable federal, state, and local regulations.
13.2 Packaging Disposal: Dispose of in accordance with local regulations.
13.3 Characteristic Waste:
13.3.1 Ignitable: NO.
13.3.2 Corrosive: NO.
13.3.3 Reactive: NO.

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

- 14.1 Road and Rail Transport: The DOT Classification for shipping is dependant on quantity, type of packaging or method of shipment.
14.2 Sea Transport (IMDG): Not subject to IMDG code.
14.3 Air Transport (IATA): Not subject to IATA regulations.
14.4 Special Requirements and Additional Information: None.

SECTION 15: REGULATORY INFORMATION

- 15.1 Warning Label: none known
15.2 Special identification instructions: Not applicable.
15.3 National Regulations: Not applicable.
15.4 International Regulations: Not applicable.

SECTION 16: OTHER INFORMATION

FOR INDUSTRIAL USE ONLY! KEEP OUT OF REACH OF CHILDREN!

Estimated NFPA Rating: HEALTH 2 FLAMMABILITY 2 REACTIVITY 0 SPECIFIC 0
Estimated HMIS Classification: HEALTH 2 FLAMMABILITY 2 PHYSICALHAZARD 0
REACTIVITY 0

NFPA is a registered trademark of the National Fire Protection Assn.



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Reason for Reissue:

The MSDS has been revised because JOIN LEADER has adopted the 16-section ANSI/ISO format. The potential hazards of the product have not changed. We encourage you to reread the MSDS and review the information.

Revision Changes:

Section 1	Document Group was added.
Section 9	Property description for optional properties was modified.
Section 16	National Fire Protection Association (NFPA) information of the production was added.

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