



# Safety Data Sheet

L7132M  
ADH 7132M

Revision Date 09-Dec-2015  
Supersedes Date: No information available  
Version 2

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

Product Name ADH 7132M  
Product Code L7132M

Product(s) Covered  
L7132M-59 ADH 7132M - 5GA PAIL (38.4#)  
L7132M-OH ADH 7132M - 54GA DRUM (414.6#)

### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended use Adhesives.  
Uses Advised Against No information available

### 1.3. Details of the Supplier of the Safety Data Sheet

#### Company Name

Bostik, Inc.  
11320 W. Watertown Plank Road  
Wauwatosa, Wisconsin 53226 USA  
Phone: +1 (800) 843-0844 (Domestic Toll Free)  
Phone: +1 (414) 774-2250 (International)  
Fax: +1 (414) 774-8075  
Email: msds@bostik-us.com

### 1.4. Emergency Telephone Number

Emergency Telephone Telephone: 1-800-227-0332  
(Outside U.S.) 1-703-527-3887

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2
Reproductive Toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable Liquids	Category 2

### 2.2. Label Elements

#### EMERGENCY OVERVIEW

DANGER

Hazard statements

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Causes skin irritation  
Causes serious eye irritation  
Suspected of damaging fertility or the unborn child  
May cause drowsiness or dizziness  
May cause damage to organs through prolonged or repeated exposure  
May be fatal if swallowed and enters airways  
Highly flammable liquid and vapor



**Appearance** No information available      **Physical State** Liquid      **Odor** No information available

## Precautionary Statements - Prevention

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection  
Do not breathe dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ventilating/lighting/equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Keep cool

## Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention  
Specific treatment (see first aid measures on this label)  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.  
In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.

## Precautionary Statements - Storage

Store locked up  
Store in a well-ventilated place. Keep container tightly closed

## Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

## Hazards Not Otherwise Classified (HNOC)

Not applicable

## Unknown Toxicity

6.75% of the mixture consists of ingredient(s) of unknown toxicity

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## 2.3. Other Information

May be harmful if swallowed.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical Name	CAS No	Weight-%
Toluene	108-88-3	30 - 60
Methyl ethyl ketone	78-93-3	10 - 30
Tetrahydrofuran	109-99-9	10 - 30

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## Section 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

<b>General Advice</b>	If medical advice is needed, have product container or label at hand.
<b>Eye contact</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
<b>Skin Contact</b>	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
<b>Self-protection of the First Aider</b>	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 4.2. Most Important Symptoms and Effects, Both Acute and Delayed

<b>Symptoms</b>	None known.
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### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

<b>Note to physicians</b>	Treat symptomatically.
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### 4.4. Reference to Other Sections

<b>Reference to Other Sections</b>	See Section 12: ECOLOGICAL INFORMATION Section 7: HANDLING AND STORAGE SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
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## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media**  
Use CO<sub>2</sub>, dry chemical, or foam.

**Unsuitable Extinguishing Media**

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Use water spray or fog; do not use straight streams.

## **5.2. Special Hazards Arising from the Substance or Mixture**

### **Specific Hazards Arising from the Chemical**

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

### **Explosion Data**

Sensitivity to Mechanical Impact

None.

Sensitivity to Static Discharge

None.

## **5.3. Advice for Firefighters**

### **Protective Equipment and Precautions for Firefighters**

Move containers from fire area if you can do it without risk.

## **Section 6: ACCIDENTAL RELEASE MEASURES**

### **6.1. Personal Precautions, Protective Equipment and Emergency Procedures**

#### **Personal Precautions**

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas.

#### **Other Information**

Water spray may reduce vapor; but may not prevent ignition in closed spaces.

#### **For Emergency Responders**

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### **6.2. Environmental Precautions**

#### **Environmental Precautions**

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

### **6.3. Methods and Material for Containment and Cleaning up**

#### **Methods for Containment**

Dike far ahead of spill; use dry sand to contain the flow of material. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

#### **Methods for Cleaning up**

Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal.

### **6.4. Reference to other sections**

#### **Reference to Other Sections**

See Section 12: ECOLOGICAL INFORMATION  
Section 7: HANDLING AND STORAGE  
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## **Section 7: HANDLING AND STORAGE**

### **7.1. Precautions for Safe Handling**

#### **Advice on Safe Handling**

Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take precautionary measures against static charges. Use explosion-proof electrical/ventilating/lighting/equipment.

### **7.2. Conditions for Safe Storage, including any Incompatibilities**

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**Storage Conditions** Keep only in the original container/package in a cool well-ventilated place. Keep from freezing.

**Incompatible Materials** Strong acids and bases.

## 7.3. Specific End Use(s)

**Other Information** No information available.

## 7.4. References to Other Sections

**Reference to Other Sections** See Section 12: ECOLOGICAL INFORMATION  
Section 7: HANDLING AND STORAGE  
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Toluene 108-88-3	TWA: 20 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 560 mg/m <sup>3</sup>	TWA: 200 ppm Ceiling: 300 ppm	TWA: 50 ppm TWA: 188 mg/m <sup>3</sup>
Methyl ethyl ketone 78-93-3	STEL: 300 ppm TWA: 200 ppm	IDLH: 3000 ppm TWA: 200 ppm TWA: 590 mg/m <sup>3</sup> STEL: 300 ppm STEL: 885 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 590 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 590 mg/m <sup>3</sup> STEL: 300 ppm STEL: 885 mg/m <sup>3</sup>
Tetrahydrofuran 109-99-9	STEL: 100 ppm TWA: 50 ppm S*	IDLH: 2000 ppm TWA: 200 ppm TWA: 590 mg/m <sup>3</sup> STEL: 250 ppm STEL: 735 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 590 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 590 mg/m <sup>3</sup> STEL: 250 ppm STEL: 735 mg/m <sup>3</sup>

Chemical Name	Argentina	Brazil	Chile	Venezuela
Toluene 108-88-3	TWA: 50 ppm Skin	TWA: 78 ppm TWA: 290 mg/m <sup>3</sup> Skin	TWA: 80 ppm TWA: 300 mg/m <sup>3</sup> Skin	Skin TWA: 20 ppm
Methyl ethyl ketone 78-93-3	TWA: 200 ppm STEL: 300 ppm	TWA: 155 ppm TWA: 460 mg/m <sup>3</sup>	TWA: 160 ppm TWA: 472 mg/m <sup>3</sup>	STEL: 300 ppm TWA: 200 ppm
Tetrahydrofuran 109-99-9	TWA: 200 ppm STEL: 250 ppm	TWA: 156 ppm TWA: 460 mg/m <sup>3</sup>	TWA: 160 ppm TWA: 470 mg/m <sup>3</sup>	Skin STEL: 100 ppm TWA: 50 ppm

### 8.2. Exposure Controls

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

#### Personal protective equipment [PPE]

**Eye/Face Protection** Tight sealing safety goggles. Face protection shield.

**Skin and Body Protection** Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

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## Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

## General Hygiene Considerations

Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	Liquid
Color	No information available
Odor	No information available
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting Point/Freezing Point	No information available	
Boiling Point	> 65 °C / 149 °F	
Flash Point	-5.6 °C / 21.9 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Specific Gravity	No information available	
Water Solubility	No information available	
Solubility in Other Solvents		
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Kinematic Viscosity	No information available	
Dynamic Viscosity	No information available	
Explosive Properties	No information available	
Oxidizing Properties	No information available	

### 9.2. Other Information

Softening Point	No information available
Molecular Weight	No information available
Solvent Content (%)	No information available
Solid Content (%)	20
Density	.920 g/ml
VOC	< 80 %

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable under recommended storage conditions.

### 10.2. Chemical Stability

Stable under recommended storage conditions.

### 10.3. Possibility of Hazardous Reactions

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None under normal processing.

## 10.4. Conditions to Avoid

Keep away from heat, sparks and flames.

## 10.5. Incompatible Materials

Strong acids and bases.

## 10.6. Hazardous Decomposition Products

Carbon oxides.

## Section 11: TOXICOLOGY INFORMATION

### 11.1. Information on Toxicological Effects

<b>Product Information</b>	No Data Available
<b>Inhalation</b>	No Data Available.
<b>Eye contact</b>	No Data Available.
<b>Skin Contact</b>	No Data Available.
<b>Ingestion</b>	No Data Available.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Toluene 108-88-3	= 2600 mg/kg ( Rat )	= 12000 mg/kg ( Rabbit )	= 30 mg/L ( Rat ) 4 h
Methyl ethyl ketone 78-93-3	= 2483 mg/kg ( Rat ) = 2737 mg/kg ( Rat )	= 5000 mg/kg ( Rabbit ) = 6480 mg/kg ( Rabbit )	= 11700 ppm ( Rat ) 4 h
Tetrahydrofuran 109-99-9	= 1650 mg/kg ( Rat )	-	= 21000 ppm ( Rat ) 3 h

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

<b>Symptoms</b>	No information available.
<b>Skin Corrosion/Irritation</b>	No information available.
<b>Serious Eye Damage/Eye Irritation</b>	No information available.
<b>Irritation</b>	No information available.
<b>Corrosivity</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Reproductive Toxicity</b>	Product is or contains a chemical which is a known or suspected reproductive hazard.
<b>Developmental Toxicity</b>	No information available.
<b>Teratogenicity</b>	No information available.
<b>STOT - Single Exposure</b>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Chronic Toxicity</b>	Contains a known or suspected reproductive toxin. Avoid repeated exposure. May cause adverse liver effects.
<b>Target Organ Effects</b>	Central nervous system, Eyes, Kidney, Liver, Respiratory system, Skin.
<b>Aspiration Hazard</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Toluene 108-88-3	-	Group 3	-	-
Tetrahydrofuran 109-99-9	A3	-	-	-

ACGIH (American Conference of Governmental Industrial Hygienists)

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A3 - Confirmed animal carcinogen with unknown relevance to humans  
IARC (International Agency for Research on Cancer)  
Group 3 - Not Classifiable as to Carcinogenicity in Humans

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Toluene 108-88-3	EC50 96 h > 433 mg/L (Pseudokirchneriella subcapitata) EC50 72 h = 12.5 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h 15.22 - 19.05 mg/L (Pimephales promelas flow-through) LC50 96 h = 12.6 mg/L (Pimephales promelas static) LC50 96 h 5.89 - 7.81 mg/L (Oncorhynchus mykiss flow-through) LC50 96 h 14.1 - 17.16 mg/L (Oncorhynchus mykiss static) LC50 96 h = 5.8 mg/L (Oncorhynchus mykiss semi-static) LC50 96 h 11.0 - 15.0 mg/L (Lepomis macrochirus static) LC50 96 h = 54 mg/L (Oryzias latipes static) LC50 96 h = 28.2 mg/L (Poecilia reticulata semi-static) LC50 96 h 50.87 - 70.34 mg/L (Poecilia reticulata static)	EC50 = 19.7 mg/L 30 min	EC50 48 h 5.46 - 9.83 mg/L (Daphnia magna Static) EC50 48 h = 11.5 mg/L (Daphnia magna )
Methyl ethyl ketone 78-93-3	EC50=1972 mg/l (Pseudokirchneriella subcapitata)	LC50 96 h 3130 - 3320 mg/L (Pimephales promelas flow-through)	EC50 = 3403 mg/L 30 min EC50 = 3426 mg/L 5 min	EC50 48 h > 308 mg/L (Daphnia magna )
Tetrahydrofuran 109-99-9		LC50 96 h 1970 - 2360 mg/L (Pimephales promelas flow-through) LC50 96 h 2700 - 3600 mg/L (Pimephales promelas static)		EC50 24 h = 5930 mg/L (Daphnia magna )

### 12.2. Persistence and Degradability

No information available.

### 12.3. Bioaccumulative Potential

No information available.

### 12.4. Mobility in Soil

No information available.

### 12.5 Other adverse effects

No information available

## Section 13: DISPOSAL CONSIDERATIONS

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## 13.1. Waste Treatment Methods

**Disposal of Wastes** It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations

**Contaminated Packaging** Dispose of in accordance with federal, state and local regulations

## Section 14: TRANSPORT INFORMATION

### DOT

UN/ID No	UN1133
Proper Shipping Name	Adhesives
Hazard Class	3
Packing Group	II
Special Provisions	149, B52, IB2, T4, TP1, TP8
Description	UN1133, Adhesives, 3, II
Emergency Response Guide Number	128

### IATA

UN/ID No	UN1133
Proper Shipping Name	Adhesives
Hazard Class	3
Packing Group	II
ERG Code	3L
Special Provisions	A3
Description	UN1133, Adhesives, 3, II

### IMDG

UN/ID No	UN1133
Proper Shipping Name	Adhesives
Hazard Class	3
Packing Group	II
EmS-No	F-E, S-D
Description	UN1133, Adhesives, 3, II, (-5.6°C c.c.)

## Section 15: REGULATORY INFORMATION

### Global Inventories

TSCA	Listed
DSL	Listed

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

**Not Listed** - One or more components of this product are not listed on inventory.

### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

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## WHMIS Hazard Class

B2 - Flammable liquid  
D2A - Very toxic materials



United States of America

## SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No
Toluene	108-88-3

## SARA 311/312 Hazard Categories

Acute Health Hazard	yes
Chronic Health Hazard	yes
Fire Hazard	yes
Sudden release of pressure hazard	No
Reactive Hazard	No

## California Proposition 65

This product contains one or more of the substances listed on Proposition 65 at or above 0.01 wt. %

Chemical Name	CAS No
Toluene	108-88-3
Benzene	71-43-2
Ethylbenzene	100-41-4

## Europe

### Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation.

### EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

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)

## Section 16: OTHER INFORMATION

HMIS Health Hazards 2\* Flammability 3 Physical Hazards 0 Personal Protection X

### Key or Legend to Abbreviations and Acronyms Used in the Safety Data Sheet

No information available

### Key Literature References and Sources for Data

No information available

Prepared By Product Safety & Regulatory Affairs

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<b>Revision Note</b>	Not applicable.
<b>Training Advice</b>	Provide adequate information, instruction, and training for operator
<b>Further information</b>	No information available

## 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 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**