

# SAFETY DATA SHEET

Date Prepared : 11/05/2012  
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Revision No : 8

## AISIN AB1184A FIPG (Gray)

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** AISIN AB1184A FIPG (Gray)  
**PRODUCT DESCRIPTION:** Semi-Drying Liquid Gasket  
**PRODUCT CODE:** AB1184A

#### DISTRIBUTOR

AISIN WORLD CORP. OF AMERICA  
24330 Garnier Street  
Torrance, CA 90505  
**Emergency Phone:** (513) 779-7300

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (Domestic North America):**(800) 424 - 9300  
**CHEMTREC (International):**(703) 527 - 3887

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Acute Toxicity (Dermal), Category 4  
Acute toxicity (Inhalation: Vapors), Category 4  
Skin corrosion/irritation, Category 2  
Serious eye damage/Eye irritation, Category 2A  
Carcinogenicity, Category 2  
Reproductive Toxicity, Category 1B  
Specific target organ toxicity after single exposure: (Nervous system, Respiratory organs, Liver, Kidney), Category 1  
Specific target organ toxicity after single exposure: Blood, Category 2  
Specific target organ toxicity after single exposure: Irritates Respiratory organ, Category 3  
Specific target organ toxicity after repeated exposure: (Nervous system, Respiratory organ), Category 1

##### Environmental:

Acute Hazards to the Aquatic Environment, Category 2  
Chronic Hazards to the Aquatic Environment, Category 3

##### Physical:

Flammable Liquids, Category 3

#### GHS LABEL



Flame



Exclamation  
mark



Health  
hazard

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H226: Flammable liquid and vapour.

- H312: Harmful in contact with skin.  
H332: Harmful if inhaled.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.  
H360: May damage fertility or the unborn child (state specific effect if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).  
H370: Causes damage to organs (or state all organs affected, if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).  
H372: Causes damage to organs ( state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).  
H351: Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).  
H371: May cause damage to organs (or state all organs affected, if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).  
H401: Toxic to aquatic life.  
H412: Harmful to aquatic life with long lasting effects.

**Precautionary statement(s)****Prevention:**

- P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P271: Use only outdoors or in a well-ventilated area.  
P264: Wash hands and/or skin thoroughly after handling.  
P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P360: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.  
P270: Do not eat, drink or smoke when using this product.  
P260: Do not breathe dust/fume/gas/mist/vapours/spray.

**Response:**

- P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P370+P378: In case of fire: Use foam, CO<sub>2</sub>, or dry sand to extinguish.  
P302+P352: IF ON SKIN: Wash with plenty of water  
P312: Call a POISON CENTER/Doctor/Medical Professional if you feel unwell.  
P321: Specific treatment (see Response on this label).  
P362+P364: Take off contaminated clothing and wash it before reuse.  
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313: IF exposed or concerned: Get medical advice/ attention.  
P308+P311: IF exposed or concerned: Call a POISON CENTER/Doctor/Medical Professional  
P314: Get medical advice/attention if you feel unwell.

**Storage:**

- P403+P235: Store in a well-ventilated place. Keep cool.  
P370+P378: In case of fire: Use foam, CO<sub>2</sub>, or dry sand to extinguish.  
P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
P405: Store locked up.

**Disposal:**

P501: Dispose of contents/container to appropriate facility according to local regulations

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Gray liquid

**IMMEDIATE CONCERNS:** May cause irritation to the eyes, skin, and respiratory tract.

**POTENTIAL HEALTH EFFECTS**

**EYES:** May cause eye irritation

**SKIN:** May cause skin irritation

**SKIN ABSORPTION:** May be harmful if absorbed through the skin

**INGESTION:** May be harmful if swallowed; Ingestion is an unlikely route of entry in industrial uses

**INHALATION:** May be harmful if inhaled. Causes respiratory tract irritation. Vapours may cause drowsiness.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt. %	CAS
Chlorosulfonated polyethylene, Inorganic filler	50 - 60	
Xylene	15 - 25	1330-20-7
Ethyl benzene	15 - 25	100-41-4
Ethylene glycol monobutyl ether	1 - 10	
1,1,2-Trichloroethane	< 1	79-00-5
2,6-Di-tertiarybutyl-4-cresol	< 1	

**4. FIRST AID MEASURES**

**EYES:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms (skin irritation or rash) occur. Get medical attention. Wash clothing before reuse.

**INGESTION:** Rinse mouth well with water. Never give an unconscious person anything to ingest. Do not induce vomiting unless directed to do so by medical personnel. Seek immediate medical attention.

**INHALATION:** In case of poisoning, remove victim to fresh air, calm down, keep warm then get medical advice, attention

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**ACUTE TOXICITY:** No data as a product

**CHRONIC EFFECTS:** No data as a product

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** Flammable

**EXTINGUISHING MEDIA:** Dry powder, alcohol-resistant foam, carbon dioxide gas, dry sand, and spray water.

**HAZARDOUS COMBUSTION PRODUCTS:** May produce poisonous and irritated gases upon a fire

**FIRE FIGHTING PROCEDURES:** Workers should wear appropriate protection (glasses, clothes, mask for poisonous gasses, etc.), then extinguishing should be performed up wind.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand



(MSHA/NIOSH approved or equivalent) and full protective gear. Then extinguish should be performed up wind.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Absorb with dry sand, soil, sawdust, cloth, etc., then place in a sealable container.

**LARGE SPILL:** Dike and prevent overflow. Guide to a safe place then dispose properly.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Do not allow product to flow into rivers or affect the environment

**GENERAL PROCEDURES:** All ignition sources should be quickly removed (No smoking in the vicinity, prohibit sparks or fire sources)

**RELEASE NOTES:** Keep spilled material from entering storm drains, sewers, or other environmental mediums.

**SPECIAL PROTECTIVE EQUIPMENT:** Wear appropriate personal protection equipment to avoid contact to eyes, skin, and inhalation.

**COMMENTS:** Disposal of clean-up materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations.

**7. HANDLING AND STORAGE**

**GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Take precaution against fire.

**HANDLING:** Fire strictly prohibited. Wear appropriate personal protection equipment. Wash thoroughly after handling.

**STORAGE:** Protect from direct sunlight. Store the product at moderate temperature. Store in original container at room temperature.

**COMMENTS:** Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full. Do not mix this product with other cleaning agents.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
Chemical Name		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Xylene	TWA	100 ppm		100 ppm	
Ethyl benzene	TWA	100 ppm	435	(100) ppm	(434)
	STEL			125	543
1,1,2-Trichloroethane	TWA	10	45	10 <sup>(1)</sup>	<sup>(1)</sup>
	STEL			25	

**OSHA TABLE COMMENTS:**  
1. S = Skin

**ENGINEERING CONTROLS:** Adequate ventilation may be necessary to control any air contaminants to within the TLV control parameters during the use of this product.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Safety glasses. Wear splash goggles if the potential for splashing or spraying exists.

**SKIN:** Gloves (impervious).

**RESPIRATORY:** In case of insufficient ventilation, wear NIOSH approved respiratory equipment when exposure limits are exceeded.

**PROTECTIVE CLOTHING:** Wear chemically impervious clothing, gloves, boots, aprons and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**WORK HYGIENIC PRACTICES:** Wash hands before eating, smoking, or using restroom. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Solvent

**ODOR THRESHOLD:** No information available

**APPEARANCE:** Liquid

**COLOR:** Gray

**pH:** No information available

**FLASHPOINT AND METHOD:** 28°C

**FLAMMABLE LIMITS:** No information available

**AUTOIGNITION TEMPERATURE:** No information available

**VAPOR PRESSURE:** No information available

**VAPOR DENSITY:** No information available

**BOILING POINT:** No information available

**FREEZING POINT:** No information available

**MELTING POINT:** No information available

**SOLUBILITY IN WATER:** Slightly soluble in water

**EVAPORATION RATE:** No data

**DENSITY:** No information available

**SPECIFIC GRAVITY:** 1.26

**VISCOSITY #1:** 9.5 Pa·s

**COEFF. OIL/WATER:** No information available

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No information available

**STABILITY:** Stable under normal handling

**CONDITIONS TO AVOID:** Heat

**POSSIBILITY OF HAZARDOUS REACTIONS:** Reacts to strong oxidizers, then may cause a fire hazard.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Incineration may produce poisonous gases upon condition (Carbon monoxide, Chlorine gas, Low molecule organic compounds, etc.) upon conditions

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**NOTES:** No data as a product

**SKIN EFFECTS:** No data as a product

### CARCINOGENICITY

Chemical Name	IARC Status	Other
Ethyl benzene	2B	ACGIH: A3
1,1,2-Trichloroethane	3	ACGIH: A4  EPA: C

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** One or more substance in this product may be hazardous to the aquatic environment.

**ECOTOXICOLOGICAL INFORMATION:** No data as a product

**BIOACCUMULATION/ACCUMULATION:** No data as a product

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your licensed waste contractor for detailed recommendations.

**FOR LARGE SPILLS:** Take precaution to prevent product to flow into rivers and effect environment.

**PRODUCT DISPOSAL:** To dispose of this product, solicit waste disposal management experts. **DO NOT** dispose the waste liquid containing the product into a river.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Adhesive, containing flammable liquid (Ethyl Benzene, Xylene)

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** UN1133

**PACKING GROUP:** III

### AIR (ICAO/IATA)

**SHIPPING NAME:** Adhesive, containing flammable liquid (Ethyl Benzene, Xylene)

**UN/NA NUMBER:** UN1133

**PRIMARY HAZARD CLASS/DIVISION:** 3

**PACKING GROUP:** III

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Adhesive, containing flammable liquid (Ethyl Benzene, Xylene)

**UN/NA NUMBER:** UN1133



**PRIMARY HAZARD CLASS/DIVISION: 3**

**PACKING GROUP: III**

**15. REGULATORY INFORMATION**

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt.%	CAS
Ethyl benzene	15 - 25	100-41-4

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

Chemical Name	Wt.%	CERCLA RQ
Ethyl benzene	15 - 25	1,000
1,1,2-Trichloroethane	< 1	100

**STATES WITH SPECIAL REQUIREMENTS**

Chemical Name	Requirements
Xylene	This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances. This product contains a component or components listed on the Michigan Critical Materials list. This product contains a component or components listed on the New Jersey Right to Know list of hazardous chemicals. This product contains a component or components listed on the Pennsylvania Right to Know list of hazardous substances.
Ethyl benzene	This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances. This product contains a component or components listed on the New Jersey Right to Know list of hazardous chemicals. This product contains a component or components listed on the Pennsylvania Right to Know list of hazardous substances.
1,1,2-Trichloroethane	This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances. This product contains a component or components listed on the Michigan Critical Materials list. This product contains a component or components listed on the New Jersey Right to Know list of hazardous chemicals. This product contains a component or components listed on the Pennsylvania Right to Know list of hazardous substances.

**CALIFORNIA PROPOSITION 65:** WARNING: This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

Chemical Name	Wt. %	Listed
Ethyl benzene	15 - 25	Cancer
1,1,2-Trichloroethane	< 1	Cancer

## 16. OTHER INFORMATION

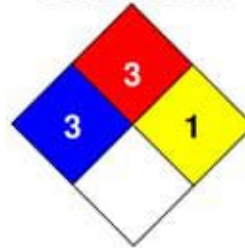
Date-Revised: 06/22/2015

**REVISION SUMMARY:** This MSDS replaces the 04/21/2015 MSDS.

### HMIS RATING

<b>HEALTH</b>	*	<b>3</b>
<b>FLAMMABILITY</b>		<b>3</b>
<b>PHYSICAL HAZARD</b>		<b>1</b>
<b>PERSONAL PROTECTION</b>		<b>B</b>

### NFPA CODES



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