

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**1.1. Product identifier**

Trade name and synonyms : SAH (Showa Aramid Honeycomb)
 Chemical family : Phenolic Resin Reinforced Aramid Paper Honeycomb

1.2. Details of the supplier of the safety data sheet

Manufacturer name : SHOWA AIRCRAFT INDSTRY CO., LTD.
 Address : 600 Tanaka-cho, Akishima-shi, Tokyo, 196-8522 Japan
 Emergency telephone number : +81-42-541-2408 (Department in charge)
 +81-42-541-2111 (Representative)
 FAX number : +81-42-545-6909 (Department in charge)

1.3. Contact for more information**PROFESSIONAL PLASTICS**

Address : 1810 E. Valencia Dr. Fullerton, CA 92831
 Telephone number : +1-800-878-0755
 E-Mail : honeycomb@proplas.com

SHOWA AIRCRAFT U.S.A. INC.

Address : 8620 154th Ave. NE, Suite 140 Redmond, WA 98052
 Telephone number : +1-425-202-7238
 FAX number : +1-425-202-7779
 URL : <https://showaaircraftusa.com/page/contact-us>

SECTION 2: HAZARDS IDENTIFICATION**2.1. Classification of the chemical**

Classification (GHS-US):

Not classified

2.2. Label elements

GHS-US labeling:

No labeling applicable

2.3. Other hazards

Other hazards not contributing to the classification:

Effects of aerosols or dusts: IRRITATION OF EYE, SKIN, RESPIRATORY TRACT.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**3.1. Substance**

Product form : Mixture

3.2. Mixture

Ingredients	Content rate	CAS No.	Classification (GHS-US)
Meta-Aramid	30~80%	25765-47-3	Not classified
Phenolic Formaldehyde Resin	20~70%	Proprietary	Not classified
Cured Adhesive	<2%	Proprietary	Not classified

SECTION 4: FIRST-AID MEASURES

First-aid measures after skin contact:

Wipe quickly with a cloth and wash the affected areas with soap and water. If there is an appeared change or pain in the skin, obtain medical assistance quickly.

First-aid measures after eye contact:

Flush with a lot of running water cleaned for at least 15 minutes and obtain medical assistance quickly.

First-aid measures after inhalation:

Immediately move to a place where the air cleaned, and obtain medical assistance quickly.

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media**

Suitable extinguishing media : Water, carbon dioxide, foam, powder, dry sand

5.2. Special hazards arising from the substance or mixture

Not flammable

5.3. Advice for firefighters

Firefighters should wear the appropriate protective equipment (e.g. the heat-resistant protective equipment), and cut off the combustion source to the fire source, and extinguish the fire by using the specified extinguishing media.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment, and emergency procedures**

Wear appropriate protective equipment to avoid inhalation or eye contact with dust or fumes.

6.2. Environmental precautions

Any wastes generated during cleanup operations should be evaluated with respect to hazardous and solid waste regulations and disposed of in a properly permitted facility in accordance with all local, state, and federal regulations.

6.3. Methods and materials for containment and cleaning up

Collect generated dust in appropriate manner and place in a container for disposal.

SECTION 7: PRECAUTIONS CONCERNING HANDLING AND STORAGE**7.1. Precautions concerning handling**

Protective glove should be worn in order to protect the skin when this product is carried.

Clean globe should be worn in order to prevent that the fingerprint or the oil attaches this product when this product is carried.

Cell walls should not be broken by striking to the side of this product by using anything when this product is carried.

When this product is machined, the chips generated and adversely affect the respiratory tract by inhalation, so protective equipment should be worn.

7.2. Precautions concerning storage

This product should be stored indoors, and should not be placed in an environment of high temperature and high humidity.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

Phenolic Resin Reinforced Aramid Paper Honeycomb	
ACGIH	Not applicable
OSHA	Not applicable

Meta-Aramid (Cas No. 25765-47-3)	
ACGIH	Not applicable
OSHA	Not applicable

Phenolic Formaldehyde Resin (Cas No. Proprietary)	
ACGIH	Not applicable
OSHA	Not applicable

Cured Adhesive (Cas No. Proprietary)	
ACGIH	Not applicable
OSHA	Not applicable

8.2. Exposure Controls

Preventive measure:

Provide appropriate ventilation to secure safe work environment in case of generating dust or fumes.

Protective measures:

Wear appropriate respiratory protective equipment, protective gloves, safety goggles or face shield over safety glasses, and protective clothing as needed to prevent contamination of personal clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Solid
Appearance	: Flat Sheets and blocks
Color	: Brown
Odor	: None.
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: 536°F (= 280°C) or more

Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Unknown

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

This product does not react under normal conditions of use.

10.2. Chemical stability

This product is stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Dust generation should be minimized when this product is machined.

10.5. Incompatible materials

Strong oxidizing agents, strong acids and bases

10.6. Hazardous decomposition products

It is possible that toxic gases (carbon dioxide, carbon monoxide, hydrogen cyanide, etc.) are generated when this product is burned.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	: None
Skin corrosion/irritation	: None
Serious eye damage/irritation	: None
Respiratory or skin sensitization	: None
Germ cell mutagenicity	: None
Carcinogenicity	: None
Reproductive toxicity	: None
Specific target organ toxicity (single exposure)	: None
Specific target organ toxicity (repeated exposure)	: None
Aspiration hazard	: None

SECTION 12: ECOLOGICAL INFORMATION**12.1. Eco-toxicity**

No data available

12.2. Persistence and degradability

No data available

12.3. Bio accumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Other adverse effects

Hazard to the ozone layer : Unknown

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste disposal recommendations:

Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: TRANSPORT INFORMATION

Not classified as internationally controlled substances regarding transport.

SECTION 15: REGULATORY INFORMATION

15.1. US Federal regulations

Phenolic Resin Reinforced Aramid Paper Honeycomb

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

All components of this product are listed on the Toxic Substances Control Act (TSCA) inventory except for:

Meta-Aramid	CAS No. 25765-47-3	C>=30.00% ; C<=80.00%
Phenolic Formaldehyde Resin	CAS No. Proprietary	C>=20.00% ; C<=70.00%
Cured Adhesive	CAS No. Proprietary	C<=2.00%

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de Minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA:

No additional information

EU-Regulations:

RoHS · REACH Not applicable

15.3. US State regulations

California Proposition 65:

This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

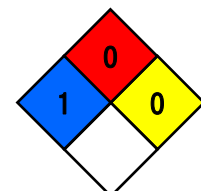
SECTION 16: OTHER INFORMATION

16.1. Health information systems

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard : 0 - Materials that will not burn.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health : 1 - Slight Hazard - Irritation or minor reversible injury possible

Flammability : 0 - Minimal Hazard

Physical : 0 - Minimal Hazard

SAH (Showa Aramid Honeycomb)

Safety Data Sheet

SDS-USP-1001 B

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This information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated.

However, no warranty guarantee or representation is made to its accuracy, reliability or completeness.

It should not therefore be construed as guaranteeing any specific property of the product.

The contents are listed by basing on the current obtaining article and the current data; it is a possibility that this description is revised by the new findings.

User should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.