

9500 - Honeycomb vents

1. Identification of the substance/mixture and of the company/undertaking

Product Detail :	
Product use:	
Manufacturer / supplier:	

9500 Honeycomb ventilation panels Ventilation in Faraday cages, EMI/RFI Shielded rooms/box ect. Holland Shielding Systems B.V. Jacobus Lipsweg 124 3316 BP Dordrecht the Netherlands Ph: +31(0)78 - 204 90 00 Fax: +31(0)78 - 204 90 08 www.hollandshielding.com info@hollandshielding.com N/A N/A

2. Composition/information on ingredients Ingredients/Component

Material

Chemical name:

Chemical family:

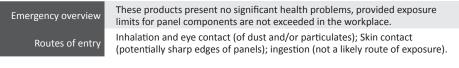
Chemical formula:

Aluminum honeycomb; Structural adhesive(s); Structure with aluminum frame. These panels consist with or without aluminum Frame honeycomb core sheet.

Exposure Limits: Aluminum (CAS# 7429-905):

OSHA TWA: 5 mg/m3 (respirable particulate) **OSHA TWA:** 5 mg/m3(total particulate) **ACGIH TWA:** 10 mg/m3 (metal particulate)

3. Hazards identification



Potential health effects

Eye	Irritation, itching
Skin	Irritation, itch
Ingestion	Not likely route of exposure
Inhalation	Irritation
Acute health hazards	Respiratory, eye and skin irritation

Chronic health hazards None known

Medical condictions generally aggravated by exposure:

Respirtory conditions (i.e, asthma) may be aggravated by exposure to particulates, dust, etc

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4. First aid measures

Eye	Rinse eyes with clean water. Seek medical attention is irritation persists.
Skin	Rinse skin with water. Wash with soap and water. Seek medical attention is irritation persist.
Ingestion	Not likely route of exposure.
Inhalation	Remove to fresh air. Seek medical attention if irritation persists.
Notes to physicians or first aid providers	Treat supportively and symptomatically.

5. Firefighting measures

Flammable limits in air, (% by volume)	upper: N/A lower: N/A
Flash point	N/A
Method used	N/A
Autoignition Temperature	N/A
NFPA hazard classification	Health: 1, Flammability: 1, Reactivity 0, Other: N/A
Extinguishing media	Suitable for surrounding materials
Special fire fighting procedures	N/A
Unusual fire and explosion hazards	Sawing, sanding or machining panels could result in production of metal dust, which may present an explosion hazard if a dust cloud contacts an ignition source. use ventilation adequate to maintain dust levels below applicable expusre limits.
Hazardous decomposition products	In event of fire, metal fumes, oxides of metal, oxides of carbon, and other potentially hazardous decomposition products may be produced. The panels themselves are non-flammable.

6. Accidental release measures

Accidental release measures

Sweep up dust from sawing, sanding, ect., and place in container for disposal.

7. Handling and storage

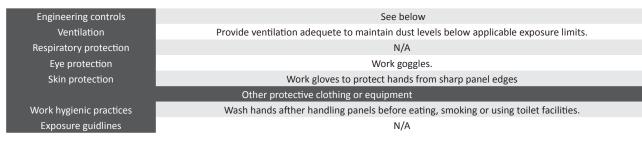
Handling and storage

No special storage precautions are necessary

Other Precautions

N/A

8. Exposure controls/personal protection



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9. Physical and chemical properties

Appearance	Aluminum ventilation panels with or without frame
Physical state	Solid
Odor	N/A
Melting point	F: >1094 c: > 590 (aluminun)
Specific gravity (H2o = 1)	2.5 - 2.8 (aluminum)
Solubility in water	N/A
Percent solid by weight	100
Percent volatile: By WT / By VOL	N/A
Volatile organic compounds (VOC)	Not available

10. Stability and reactivity

Stability	Product is stable
Conditions to avoid (stability)	N/A
Incompatibility (material to avoid)	Strong acids, strong bases, oxidizing materials.
Hazardous decomposition or by products	See sect. 5
Hazardous polymerization	Will not occur

11. Toxicological information

Toxicological Information: The toxicological properties of this product have not been fully tested

12. Ecological information

Ecological information: N/A

13. Disposal considerations

Wasted disposal method: Dispose of according to all applicable local, state and federal regulations.

14. Transport information

U.S. Department of transportation: NOTES: Not regulated as hazardous for transportation

15. Regulatory information

U.S. Federal Regulations

TSCA (Toxic substance control act): Component supplier's / manufacturer's MSDS's state all ingredients are TScA compliant.

16. Other information

Other information: Information is available concerning the components of these panels from the manufacturer. **Preparation information:** Prepared by Holland Shielding Systems BV.

Disclaimer: This material Safety Datasheet meets the information requirements of the Federal OSHA Hazard communication Standard, 29 cFR 1910. 1200 (g), and 40cFR, part 372. The information in this MSADS was obtained from sources which we believe are reliable. However, the information is provided without any responsibility or warranty expressed or implied regarding the accuracy or correctness of that information. The conditions or methods of handing, storage, use and disposal of the product are beyond our knowledge. For this and other reasons, we do not assume responsibility, and expressly disclaim liability for loss, damage or expense arising out of or in any way conncected with the handing, storage, use or disposal of the product.