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Fiberglass Reinforced Epoxy Facing Skins/Aluminum Honeycomb Core Panel

Safety Data Sheet

according to Federal Register /
Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Version: 1, Revision: 1, Date of issue: April 9, 2020

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation. Avoid dust formation. Wash hands before breaks and immediately after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a dry and well-ventilated place.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Continuous filament glass fibers:

OSHA PEL		NIOSH REL		ACGIH® TLV®		Cal/OSHA PEL	
PEL-TWA		REL-TWA		TLV-TWA		PEL-TWA	

Aluminum, metal (as Al):

OSHA PEL		NIOSH REL		ACGIH® TLV®		Cal/OSHA PEL	
PEL-TWA		REL-TWA		TLV-TWA		PEL-TWA	

Antimony & compounds (as Sb):

OSHA PEL		NIOSH REL		ACGIH® TLV®		Cal/OSHA PEL	
PEL-TWA		REL-TWA		TLV-TWA		PEL-TWA	

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

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8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection	: Safety goggles are recommended.
Skin protection	: Wear protective gloves.
Body protection	: Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection	: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Thermal hazards	: No data available.
Environmental exposure controls	: Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	: Solid off-white panel with aluminum honeycomb interior
Odor	: Mild
Odor threshold	: No data available
pH	: Not applicable
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: Not applicable
Flash point	: No data available
Evaporation rate	: Not applicable
Flammability (solid, gas)	: No data available
Upper/lower flammability limits	: No data available
Upper/lower explosive limits	: Not applicable
Vapor pressure	: No data available
Vapor density	: No data available
Relative density	: No data available
Solubility(ies)	: No data available
Partition coefficient: n-octanol/water	: Not applicable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: Not applicable
Explosive properties	: Not explosive
Oxidizing properties	: Not oxidizing
Other safety information	: No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactive under normal use and storage conditions.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Avoid dust generation, avoid exposure to heat and contact with incompatible materials.

10.5 Incompatible materials

Strong alkaline, acids, oxidizing and reducing agents.

10.6 Hazardous decomposition products

Carbon oxides, organic compounds.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity	: Based on available data, classification data are not met.
Likely Routes of Exposure	: Eye contact. Skin contact. Inhalation.
Skin corrosion/irritation	: Dust may cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
Serious eye damage/irritation	: Dust may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
Respiratory or skin sensitization	: No data available.
Germ cell mutagenicity	: No data available
Carcinogenicity	: Inhalable dust is suspected of causing cancer.
Only trace amounts of these components are anticipated:	
FiberGlass (inhalable)	: NTP: reasonably anticipated to be human carcinoge : IARC: possibly carcinogenic to humans (Group 2B)
Reproductive toxicity	: No data available
STOT-single exposure	: Dust may cause respiratory irritation. Signs/symptoms may include

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

No SARA hazards.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SECTION 16: Other information

NFPA health hazard

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

NFPA fire hazard

: 1 - Must be preheated before ignition can occur.

NFPA reactivity

: 0 - Normally stable, even under zero conditions.