

ALFA ICA (I) LTD.

MATERIAL SAFETY DATA SHEET DECORATIVE METAL LAMINATE

SECTION I - PRODUCT INFORMATION

PRODUCT NAME:

Alfa Compact

CHEMICAL FORMULA:

Not Applicable Due to Composite Nature of Product

PRODUCT USE:

Decorative Surface Covering

MANUFACTURER'S NAME AND ADDRESS:

Alfa Ica (I) Ltd.
Sanand. (Ahmedabad)
Gujarat, India.

CONTACT INFORMATION:

Customer Service
(+91) 79-26754030

SECTION II - HAZARDOUS COMPONENTS

COMPONENT:

Nuisance dust may be generated during cutting or sanding operations. Nuisance dust is considered as "Particulates Not Otherwise Classified" or "Particulates Not Otherwise Regulated".

OSHA PEL ACGIH TLV

Particulates Not Otherwise --- TWA 15 mg/m³ TWA 10 mg/m³
Classified or Regulated (Total Dust) (Inhalable Particulate)

STEL None STEL None

Particulates Not Otherwise --- TWA 5 mg/m³ TWA 3 mg/m³
Classified or Regulated (Respirable Particulate) STEL None STEL None

SECTION III - PHYSICAL PROPERTIES

APPEARANCE AND ODOR:

Laminated Panel. No discernible odor.

SOLUBILITY IN WATER:

Insoluble in water.

pH:

Not applicable as product is solid.

SECTION IV - FIRE AND EXPLOSION DATA:

FIRE EXTINGUISHING MEDIA:

Dry chemical extinguishing agents should be used if material involved in a fire. If near a fire but not yet ignited, cool surface with a water spray.

SPECIAL FIRE FIGHTING PROCEDURES:

No special procedures required.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Minimize accumulation of dust from cutting or sanding operations through use of local ventilation systems. High airborne concentrations of combustible dusts may be explosive if contacted with an ignition source. Do not expose large amounts of dust to powerful oxidizers such as chlorate, bromates, iodate, -etc. Vigorous burning may result.

HAZARDOUS COMBUSTION PRODUCTS:

Thermal decomposition may release toxic and/or hazardous gases. May produce small amount of aluminum oxide if large quantity of dust is burning.

SECTION V - REACTIVITY DATA

STABILITY:

Do not mix dust with strong oxidizers.

CONDITIONS TO AVOID:

Avoid exposure to open flame and strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition may release toxic and/or hazardous gases.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION VI - HEALTH HAZARD INFORMATION

EXPOSURE FROM ROUTINE USE:

Dust from cutting or sanding operations can cause irritation to the eyes, respiratory system and skin.

EFFECTS OF OVEREXPOSURE:

Exposure to elevated dust levels may cause irritation to the eyes and respiratory system. Prolonged skin exposure to dust may cause drying of the skin.

ROUTES OF EXPOSURE:

Potential routes of exposure are inhalation as well as skin and eye contact.

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Wash eyes immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of dust remains (approximately 15 - 20 minutes).

SKIN CONTACT: Wash affected area with soap and water to remove residual dust.

INHALATION: Remove from exposure to fresh air immediately.

INGESTION: Treat symptomatically and supportively if dust is ingested.

OTHER:

The resin used to make this plastic contains small amounts of formaldehyde. The cured plastic may emit small amounts of formaldehyde during fabrication or if heating of the product occurs. Air testing of representative fabrication operations indicates that formaldehyde releases are minimal and formaldehyde air concentrations are below regulatory standards. Formaldehyde has been identified as a skin sensitizer in low concentrations and as a probable human carcinogen (IARC-2A, pharyngeal cancer excess in formaldehyde exposed workers).

SECTION VII - TOXICITY DATA

INHALATION EFFECTS

Levels of Al dust approaching OSHA PEL can cause some irritation of the respiratory tract.

INHALATION CHRONIC EFFECTS

Chronic exposure to levels above OSHA PEL may cause lung disease similar to pulmonary fibrosis.

DERMAL EFFECTS

Can dry out oils in skin if no protective gloves are used.

SKIN CONTACT CHRONIC EXPOSURE EFFECTS

No data available

EYE EFFECTS

Particles in eyes can cause corneal abrasions

EYE CONTACT CHRONIC EXPOSURE EFFECTS

No data available

INGESTION EFFECTS

No data available

INGESTION CHRONIC EFFECTS

No data available

CARCINOGENICITY/MUTAGENICITY

No data available

TARGET ORGANS

Respiratory tract, eyes, skin

SECTION VIII - SPECIAL PROTECTION INFORMATION

WORK AND HYGIENE PRACTICES:

Wear safety glasses or goggles in fabrication operations that may generate airborne dust.

Wear gloves during exposure to dust or frequently wash hands to remove residual dust. Maintain airborne dust limits below the exposure limits.

Minimize dust generation and accumulation from fabrication operations. Sweep up dust. Avoid blowing dust with compressed air. Avoid exposure of dust to open flame, oxidizers and ignition sources. Electrically ground and bond all equipment used for fabrication operations.

STORAGE AND HANDLING PRACTICES:

No special requirements for the product.

Store dust away from heat, ignition sources and oxidizing agents.

PROTECTIVE PRACTICES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT:

Do not use compressed air to remove dust from equipment. Sweep or wash dust from unit.

VENTILATION AND ENGINEERING CONTROLS:

Provide adequate general and local exhaust ventilation to maintain airborne concentrations below the exposure limits. Enclose fabrication operations, where possible, to minimize dust dispersion into other work areas.

RESPIRATORY PROTECTION:

Where dust exposures may exceed the regulatory standards, respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respirator protection (Z88.2-1992).

EYE PROTECTION:

Wear ANSI-approved safety glasses or goggles in fabrication operations that may generate airborne dust.

HAND AND BODY PROTECTION:

To prevent drying of skin, wear gloves during exposure to dust or frequently wash hands to remove residual dust. Use hand lotion to moisten hands.

SECTION IX - SPILL, LEAK AND DISPOSAL PROCEDURES

IN CASE MATERIAL IS SPILLED OR RELEASED:

This material is a non-hazardous waste. Dispose of dust or excess material according to applicable federal, state and local regulations.

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