



Material Safety Data Sheets

AICA HPL

Section 1: Product Identification

Product Name:

AICA HIGH PRESSURE LAMINATE(AI, AN, ANY, AS, AY, AG, B, BH, BJ, E, ET, H, HB, HJ, HJB, INA, JC, JI, JG, JN, JY, Z, ZJ, PJ, WI, Q)

Manufacturer:

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Section 2: Product Composition

Material Name: Thermosetting Resin Laminated Sheet.

Component Name	% wt
Cured Melamine Resin	1 - 20
Cured Phenol Resin	20 - 40
Titanium Dioxide	1 - 10
Paper Base	30

Japan Official Gazette Number: Titanium dioxide: (1)-558
(With reference to the Law concerning the Examination and Regulation of manufacture etc. of Chemical Substances and the Law on Industrial Safety & Hygiene)

CAS Registry Number: Titanium dioxide: 13463-67-7

United Nation Class Number: Not Available

This product is free from chlorine and heavy metals.

Section 3: Hazard Identification

Classification Name: Not Applicable (Not a chemical product)

Danger: None

Potential Health Effects: Not Applicable
(with reference to the Japanese Building Standard Law Enforced on 1 July '03)

Ecological Effects: None

Section 4. First Aid Procedure

Eye Contact:

Gently lift eyelids and flush continuously with plenty of clean water.
Seek professional medical assistance, if necessary.

Skin Contact:

Wash the affected area with soap and water or under plenty of flowing water.

Inhalation and Ingestion:

Rinse mouth and dilute with water. Seek professional medical assistance, if necessary.

Section 5: Fire Fighting Procedure**Fire Fighting Procedure:**

Fire fighters should wear suitable protective equipment (respirator, heat resistant clothing and other protective wear) to avoid smoke inhalation and to be able to evacuate population down wind).

Extinguish Media: Water, spray, foam, chemical extinguisher.

Section 6: Accidental Release Measures**Small spill or leak:**

Not applicable.

Large spill or leak:

Not applicable.

Section 7: Handling and Storage

Handling: Wear protective equipment to prevent the inhalation of powder fines.
Wear gloves to protect from sharp edges of the sheet.
(Filters for removal of metal fines are required to prevent dust explosion from the flammable dust.)

Storage: Store sheets flat.
Protect from rain and sunlight.
Store under cover at normal temperature and humidity.
Avoid storing directly on the ground or concrete floors.

Section 8: Exposure Controls / Personal Protection

Administrative Levels: Not Available

Exposure Limits (as Titanium dioxide):

Japan Association on Industrial Health: Not Available
ACGIH : Not Established

Facilities: Local exhaust ventilation

Personal Protection:

Respiratory protection: Dust mask
Eye protection: Safety goggles
Hand protection: Gloves
Body protection: Work overalls

Section 9: Physical and Chemical Properties

Appearance: Sheet solid (molded)

Specific gravity (20 °C): ± 1,4 g/cm³

Volatility: Not Applicable

Solubility: Insoluble in water

Section 10: Risk Information	
Flash Point:	Not established
Ignition Point:	Not detected below 300 °C
Explosive Limits:	None
Autoignition, Reactivity:	None, none with water
Oxidation:	None
Explosibility:	None
Stability; Reactivity:	Chemically stable
Section 11: Toxicological Information	
Skin Corrosion:	Not available at the time of writing
Irritation (skin, eye):	Not available at the time of writing
Sensitizing property:	Not available at the time of writing
Acute Toxicity:	Not available at the time of writing
Sub acute Toxicity:	Not available at the time of writing
Chronic Toxicity:	Not available at the time of writing
Carcinogenicity:	Not available at the time of writing
Mutagenesis: (bacterial mutation; chromosomal aberration)	Not available at the time of writing
Reproductive Toxicity:	Not available at the time of writing
Teratogenicity:	Not available at the time of writing
Section 12: Ecological Information	
Degradability:	Not available at the time of writing
Accumulative Risk:	Not available at the time of writing
Toxicity Fish:	Not available at the time of writing
Section 13: Disposal Considerations	
<p>Incineration is permitted as combustibles at regulated sites. Ash should be treated as industrial waste. Ash must not be illegally disposed off in isolated wilderness or rivers.</p>	
Section 14: Transportation Information	
<p>AICA HPL is classified as harmless. Although there are no safety issues, care should be exercised so that the product is not exposed to direct sunlight or water.</p>	
Section 15: Regulatory Information	
<p>All regulations described in the classification standard of the guideline for MSDS data sheets issued by the Japan Chemical Industry Association do not apply to the product.</p>	
Section 16: Other Information	
<p>Although we have written this MSDS based on all available facts at this moment in time, we only intend to provide the MSDS as useful customer reference information and we are unable to guarantee all the contents. Note that the information described assumes the case for normal handling. In case of special handling, safety measures relevant to your application should be exercised prior to use.</p>	