

SAFETY DATA & HAZARD INFORMATION

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COMPANY & PRODUCT IDENTIFICATION

COMPANY NAME	OMNIA (CS) LTD
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PRODUCT NAME	OMNIA FUSED PANEL
PRODUCT VARIANTS	NATURAL, PRIMED, UV WHITE, PAINTED, SMOOTH, SCAFFODECK
PRODUCT THICKNESS	9 - 50mm
PRODUCT LENGTH	UP TO 12,000mm
PRODUCT WIDTH	UP TO 2700mm; SOME RESTRICTIONS MAY APPLY

PRODUCT INFORMATION

PRODUCT COMPOSITION & CONSTITUENT PARTS

MATERIAL CONTENT	THERMOPLASTIC AND MINERAL COMPOSITE
THERMOPLASTIC CONTENT (OF WHICH TYPES)	(DEPENDENT ON PANEL THICKNESS) 63 - 82 % VOLUME PLASTIC OFF WHICH > 80 % IS POLYPROPYLENE
MINERAL CONTENT (OF WHICH TYPES)	(DEPENDENT ON PANEL THICKNESS) 18 - 37 % VOLUME GLASS FIBER OFF WHICH 100 % IS E-GLASS FIBER

PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE	SOLID
FORM	PANEL, POLYPROPYLENE WITH EMBEDDED ENDLESS GLASS FIBERS
COLOUR	NATURAL (PURE POLYMER COLOUR)
ODOUR	NONE
MELTING POINT	160 °C
FLAME POINT	> 320 °C
DECOMPOSITION TEMPERATURE	> 300 °C
FLASH TEMPERATURE	> 350 °C
AREA WEIGHT (APPROXIMATE)	(DEPENDENT ON PANEL THICKNESS AND VARIANT) 2.5 - 7 Kg/m ²
SOLUBILITY IN WATER	VERY LOW

STABILITY & REACTIVITY

STABILITY	UNDER NORMAL CONDITIONS, PRODUCT IS CHEMICALLY STABLE
HAZARDOUS REACTIONS	NO HAZARDOUS REACTIONS ARE KNOWN
DECOMPOSITION PRODUCTS	WHEN EXPOSED TO SUSTAINED FIRE, WATER VAPOUR OR CO ₂ . IT IS POSSIBLE TO GENERATE SMALL QUANTITIES OF CARBON MONOXIDE, SULHUR OXIDES, ALDEHYDES, REACTIVE HYDROCARBONS, AND PHOSPHOROUS COMPOUNDS
AVOIDABLE CONDITIONS	CONTACT WITH READILY FUSIBLE MINERALS (FLUOR), CONCENTRATED ACIDS AND ALKALINES

TOXICITY INFORMATION

ACUTE TOXICITY	NOT RELEVANT
LOCALISED EFFECTS	POSSIBLE TEMPORARY IRRITATIONS
SENSITATION	IN RARE CASES ALLERGIC REACTIONS
ADDITIONAL COMMENTS	THE PRODUCT DOES NOT CAUSE ANY HAZARDS TO HEALTH, WHEN WORKED IN AN APPROPRIATE FASHION

FLAMMABILITY & BURN BEHAVIOUR

PRODUCT BASIS	OMNIA FUSED PANEL "NATURAL" (UNPAINTED)
BURN PROPERTIES	CLEAN HYDROCARBONS DOES NOT SELF EXTINGUISH
PRODUCTS OF BURNING	RELEASES NO DANGEROUS HALOGENS OR SIMILAR GASSES CAN GENERATE SMALL QUANTITIES OF CARBON MONOXIDE, SUPHUR OXIDES, ALDEHYDES, REACTIVE HYDROCARBONS AND PHOSPHOROUS COMPOUNDS
INDUSTRY CLASSIFICATIONS	CLASS B2 FOR BUILDING INDUSTRY (DIN4102) PASS FOR AUTOMOTIVE INDUSTRY FMVSS (DIN752001) PASS FOR AEROSPACE HORIZONTAL BURN CLASS F2 FOR GENERAL PLASTICS (DIN53438-1); CLASS F1 WITH ADDITION OF STANDARD PAINTING SYSTEM (TEST RESULTS AVAILABLE ON REQUEST)

ECOTOXICOLOGICAL INFORMATION

ECOTOXICOLOGICAL PROPERTIES	PRODUCT IS NONE TOXIC POLYMERS CONTAINED WITHIN PRODUCT, HAVE NO ECOTOXICOLOGICAL EFFECTS
GENERAL INFORMATION	PRODUCT FLOATS ON WATER PRODUCT IS NON-BIODEGRADABLE

WASTE DISPOSAL

RECOMMENDATIONS	THE PRODUCT SHOULD BE SHREDDED AND RECYCLED BY AN APPROVED COMPANY
DISPOSAL	PRODUCT WASTE CAN BE DISPOSED OF AS PART OF INERT WASTE, OR COMMON INDUSTRIAL WASTE (SEE LOCAL REGULATIONS FOR FURTHER DETAILS)
PACKAGING	CLEAN CARDBOARD, WOOD, PLASTIC (FILM OR BAGS) AND PACKAGING CAN BE ELIMINATED IN UNITS SPECIFIC TO THESE PRODUCTS (i.e. FOR RECYCLING OR USE AS FUELS)

REGULATORY INFORMATION

INTERNAL	THE PRODUCT IS NOT CONSIDERED AS HAZARDOUS GOODS BY TRANSPORT REGULATIONS
NATIONAL	OTHER REGULATIONS, LIMITATIONS AND PROHIBITIONS MAY APPLY

HEALTH & SAFETY INFORMATION

HAZARD IDENTIFICATION

IDENTIFIED HAZARDS	PRODUCT TEMPERATURES OVER 232 °C CAN LEAD TO THE RELEASE OF HAZARDOUS SUBSTANCES MELTED PRODUCT CAN STICK TO SKIN AND CLOTHING, AND CAN CAUSE BURNS WORKING THE PRODUCT CAN BUILD UP STATIC ELECTRICITY, STATIC DISCHARGE COULD IGNITE HIGHLY FLAMMABLE CLEANING AGENTS GLASS FIBERS CAN CAUSE SKIN IRRITATION (ITCHING) WHEN WORKING (CUTTING) THE PRODUCT, RESPIRABLE DUST AND NON-RESPIRABLE FILAMENTS ARE GENERATED EXTREMELY RARE POSSIBILITIES OF ALLERGIES
FIRE & EXPLOSIONS	UNDER NORMAL CONDITIONS, NO COMBUSTABLE GASES ARE GENERATED

PERSONAL PROTECTION EQUIPMENT

GENERAL PROTECTION & HYGIENE	DO NOT EAT OR DRINK WHEN WORKING THE PRODUCT USE APPROPRIATE MEANS TO REDUCE DUST AND/OR FUMES FROM CUTTING/MACHINING TOOLS TRY TO REDUCE THE CONCENTRATION OF FIBERS LIKELY TO CAUSE IRRITATION
RECCOMENDED PROTECTION	SKIN PROTECTION: GLOVES, LONG SLEEVE TOPS, FULL LENGTH TROUSERS. (PROTECTIVE CREAM FOR SENSITIVE SKIN) EYE PROTECTION: SAFETY GOGGLES (PROTECTIVE GLASSES MINIMUM) EAR PROTECTION: EAR PLUGS (MINIMUM) RESPIRATORY PROTECTION: PAINTERS MASK OR EQUIVALENT, DUST EXTRACTORS (FOR SEVERE CASES OF DUST BUILD UP)
OTHER STANDARD PROTECTION	FOOT PROTECTION: STEEL TOE CAPPED SAFETY BOOTS

HANDLING & STORAGE

HANDLING	WEAR APPROPRIATE PROTECTIVE EQUIPMENT BE AWARE OF SHARP EDGES / SPLINTERS AVOID PROLONGED CONTACT WITH SKIN (TO REDUCE IRRITATION) WHEN POSSIBLE CLEAN WORKING ATTIRE WITH VACUUM
STORAGE	TEMPERATURE 15 - 35 °C RELATIVE HUMIDITY 35 - 55 % KEEP AWAY FROM OPEN FIRES PROTECT FROM DIRECT SUNLIGHT KEEP IN DRY STORAGE AREAS PROTECT FROM INCOMPATIBLE MATERIALS ANY ELECTRICAL MACHINERY MUST BE GROUNDED

ACCIDENTAL SPILLAGE

PERSONAL PROTECTION	AS DESCRIBED IN PERSONAL PROTECTION EQUIPMENT
ENVIRONMENTAL PROTECTION	THE PRODUCT IS CONSIDERED AS INERT INDUSTRIAL WASTE, OR COMMON INDUSTRIAL WASTE (SEE NATIONAL AND LOCAL REGULATIONS FOR FURTHER DETAILS) ALL WASTE MATERIAL IS TO BE DISPOSED IN ACCORDANCE WITH NATIONAL, FEDERAL, STATE AND LOCAL REGULATIONS
CLEANING	VACUUM, SWEEP OR SHOVEL INTO WASTE OR RECYCLING CONTAINERS; IF AVAILABLE

FIRE SAFETY

RECOMMENDED EXTINGUISHER	WATER OR CHEMICAL POWDER
EXPLICIT HAZARD	SMALL QUANTITIES OF CARBON MONOXIDE, SUPHUR OXIDES, ALDEHYDES, REACTIVE HYDROCARBONS AND PHOSPHOROUS COMPOUNDS CAN BE PRODUCED. PROTECTIVE EQUIPMENT IS NECESSARY IN CASE OF MAJOR FIRES
SPECIAL MEASURES	PROTECTIVE FIRE FIGHTING EQUIPMENT IS NECESSARY IN CASE OF MAJOR FIRES

FIRST AID

GENERAL INFORMATION	UNDER NORMAL CONDITIONS, NO COMBUSTIBLE GASES OR HAZARDOUS SUBSTANCES ARE RELEASED PRODUCT TEMPERATURES OVER 232 °C CAN LEAD TO THE RELEASE OF HAZARD SUBSTANCES
INHALATION	REMOVE THE PERSON FROM SCENE OF EXPOSURE, IN TO FRESH AIR IN CASE OF SEVERE INHALATION OF SMOKE, REMOVE THE PERSON FROM THE HAZARDOUS AREA, USING SUITABLE RESPIRATORS. AND CONSULT DOCTOR IF NECESSARY
SKIN CONTACT	WASH AFFECTED AREA WITH COPIOUS AMOUNTS OF LUKEWARM SOAPY WATER, AVOIDING EXCESSIVE RUBBING IN CASE OF CONTACT WITH MELTED PRODUCT, COOL WITH COLD WATER AS SOON AS POSSIBLE. DO NOT TRY TO REMOVE THE SOLIDIFIED PRODUCT FROM THE PERSONS SKIN. CONSULT A DOCTOR IMMEDIATELY
EYE CONTACT	FLUSH IN RUNNING WATER, FOR A MINIMUM OF 10 MINUTES. AND CONSULT A DOCTOR IF NECESSARY
ALLERGIC REACTIONS	REMOVE THE PERSON FROM THE SCENE OF EXPOSURE, IN TO FRESH AIR



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