##### MATERIAL SAFETY DATA SHEET

**PRODUCTS IDENTIFICATION : HARDWOOD PLYWOOD (CARB PHASE II / TSCA TITLE VI)**

**SYNONYMS: NONE**

**TRADE NAME: FANCY HARDWOOD PLYWDS (MAPLE / BLK WALNUT / BIRCH )**

 **(CHERRY /ARO CEDAR /WHT OAK)**

 **(RED OAK / ALDER)**

**DESCRIPTION: THIS PANEL PRODUCT CONTAINS A HARDWOOD**

**VENEER FACE BONDED TO WOOD COMPONENTS**

**SUCH AS OTHER WOOD VENEER LUMBER OR**

**VENEER STRIPS USING UREA-FORMALDEHYDE RESIN.**

# **POTENTIAL AIRBORNE RELEASES: THIS PRODUCT MAY**

# **RELEASE NO MORE THAN 0.05PPM QUANITIES OF**

# **FORMALDEHYDE EMISSIONS PER THE CARB PHASE II**

# **REQUIREMENTS. TPC 6 & TPC 31 CERTIFIED. TSCA Title VI rules.**

**MANUAL OR MECHANICAL CUTTING OR ABRASION PROCESSES**

**PERFORMED ON THE PRODUCTS CAN RESULT IN GENERATION**

**OF DUST. NO UV FINISHING ON THESE PRODUCTS.**

**PHYSICAL DATA:**

**BOILING POINT: NOT APPLICABLE**

**SPECIFIC GRAVITY(H20-1): <1**

**VAPOR DENSITY: NOT APPLICABLE**

**% VOLATIES BY VOL: 0**

**MELTING POINT: NOT APPLICABLE**

**VAPOR PRESSURE: NOT APPLICABLE**

**SOLUBILITY IN H20 (% BY WGT): <0.1%**

**EVAPORATION RATE (BUTYL ACCIATE-1): NOT APPLICABLE**

**PH: NOT APPLICABLE**

**APPEARANCE & ODOR: LIGHT TO MEDIUM COLOR. COLOR & ODOR ARE DEPENDENT**

**UPON WOOD SPECIES.**

THIS FACT SHEET IS FOR PRODUCTS THAT HAVE NOT BEEN FINISHED (COATED OR LAMINATED, OR OVERLAID OR TREATED. (FOR EXAMPLE, WITH PRESERVATIVE OF FIRE RETARDENT)

**FIRE & EXPLOSION DATA:**

**FLASH POINT: NOT APPLICABLE**

**AUTO IGNITION TEMPERATURE; NOT AVAILABLE (WILL DEPEND UPON DURATION OF**

 **EXPOSURE TO HEAT SOURCE & OTHER VARIABLES)**

**EXPLOSIVE LIMITS IN AIR: SEE BELOW UNDER “UNUSUSAL FIRE AND EXPLOSION**

**HAZARDS”**

**EXTINGUISHING MEDIA: WATER CARBON DIOXIDE & SAND**

**SPECIAL FIRE FIGHTING PROCEDURES: NONE**

###### UNUSUAL FIRE & EXPLOSION HAZARDS: SAWING, SANDING OR MACHINING CAN PRODUCE WOOD DUST

**AS A BY PRODUCT, WHICH MAY PRESENT AN EXPLOSION**

**HAZARD IF A DUST CLOUD CONTACTS AN IGNITION SOURCE.**

**AN AIRBORNE CONCENTRATION OF 40 GRAMS OF DUST PER CUBIC METER OF AIR IS OFTEN USED AS THE L.E.L. FOR WOOD DUST.**

**REACTIVITY DATA:**

**CONDITIONS CONTRIBUTING TO**

**INSTABILITY: STABLE UNDER NORMAL CONDITIONS**

**INCOMPATIBILIITY: AVOID CONTACT WITH OXIDIZING AGENTS. AVOID OPEN**

**FLAME. PRODUCT MAY IGNITE IN EXCESS OF 400F.**

**HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL AND/OR THERMAL OXIDATIVE DECOMPOSITION**

 **CAN PRODUCE IRRITATING AND TOXIC FUMES & GASES,**

 **INCLUDING CARBON MONOXIDE, HYDROGEN, CYANIDE,**

 **ALDEHYDES, ORGANIC ACIDS & POLYNUCLEAR AROMATIC**

 **COMPOUNDS.**

**HAZARDOUS POLYMERIZATION: NOT APPLICABLE**

**HEALTH EFFECTS INFORMATION:**

**EXPOSURE LIMITS:**

**FORMALDEHYDE: CARB PHASE II 0.05 PPM**

 **EPA Title VI**

**WOOD DUST (ALL SOFT & HARD OSHA PEL-TWA 5 MG/M3**

 **WOODS EXCEPT WEST. RED CEDAR) OSHA PEL-STEL 10 MG/M3**

 **HEALTH EFFECTS INFORMATION (CONTINUED)**

**EYE CONTACT: GASEOUS FORMALDEHYDE MAY CAUSE TEMPORARY IRRITAITON OR A**

**BURNING SENSATION. WOOD DUST CAN CAUSE MECHANAICAL IRRITATION.**

**SKIN CONTACT: BOTH FORMALDEHYDE & VARIOUS SPECIES OF WOOD DUST MAY EVOKE**

**ALLERGIC CONTACT DERMATITS INSENSITIZED INDIVIDUALS.**

**INGESTION: NOT LIKELY TO OCCUR.**

**INHALATION: GASEOUS FORMALDEHYDE: MAY CAUSE TEMPORARY IRRITATION TO EYES**

**NOSE, THROAT. SOME REPORTS SUGGEST THAT FORMALDEHYDE MAY CAUSE**

**RESPIRATORY SENSITATION SUCH AS ASTHMA, AND THAT PER EXISTING**

**RESPIRATORY DISORDERS MAY BE AGGRIVATED BY EXPOSURE.**

 **FORMALDEHYDE IS LISTED BY INTERNATIONAL AGENCY FOR RESEARCH ON**

**CANCER (LACR) AS A PROBABLE HUMAN CARCINOGEN THE NATIONAL**

**TOXICOLOGY PROGRAM (NTF) INCLUDES FORMALDEHYDE IN THE ANNUAL**

**REPORT ON CARCINOGENS. FORMALDEHYDE IS REGULATED BY OSHA AS A**

**POTENTIAL CANCER AGENT AND REGULATED BY CARB.**

 **IN STUDIES INVOLVING RATS, FORMALDEHYDE HAD BEEN SHOWN TO CAUSE**

 **NASAL CANCER AFTER LONG TERM EXPOSURE TO VERY HIGH**

 **CONCENTRATIONS (14+PPM), FAR ABOVE THOSE NORMALLY FOUND IN THE**

 **WORKPLACE USING THIS PRODUCT.**

**THE NATIONAL CANCER INSTITUTE (NCI) CONDUCTED AN EPIDEMIOLOGICAL STUDY OF INDUSTRIAL WORKERS EXPOSED TO FORMALDEHYDE (PUBLISHED**

**JUNE 1986). THE NCI CONCLUDED THAT THE DATA PROVIDE LITTLE EVIDENCE**

**THAT MORTALITI FROM CANCER IS ASSOCIATED WITH FORMALDEHYDE**

**EXPOSURE AT THE LEVELS EXPERIENCED BY WORKERS IN THE STUDY.**

**WOOD DUST: MAY CAUSE NASAL DRYNESS, IRRATATION AND OBSTRUCTION, COUGHING,**

 **WHEEZING AND SNEEZING, SINUSITIS & PROLONGED COLDS HAVE ALSO BEEN**

 **REPORTED. DEPENDING ON SPECIES MAY CAUSE RESPIRATORY**

 **SENSITIZATION AND/OR IRRITATION. PROLONGED EXPOSURE TO WOOD DUST**

 **HAS BEEN REPORTED BY SOME OBSERVES TO BE ASSOCIATED WITH NASAL**

**CANCER. WOOD DUST IS NOT LISTED AS A CARCINOGEN BY IARC, OR NTP, OR**

**OSHA. THE POSSIBLE BUILDING OF FORMALDEHYDE GAS PARTICULARLY**

**WHEN HIGH TEMPERATURES OCCUR.**

**DRILLING, SAWING, SANDING OR MACHINING WOOD PRODUCTS GENERATES**

**WOOD DUST, A SUBSTANCE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE**

**CANCER. HIGHLY ADVISED TO AVOID INHALING WOOD DUST OR USE A DUST**

**MASK OR OTHER SAFEGUARDS FOR PERSONAL PROTECTION. CALIFORNIA**

**HEALTH AND SAFETY CODE SECTION 25249.6.**

**PRECAUTIONS, SAFE HANDLING:**

**FORMALDEHYDE: PROVIDE ADEQUATE VENTILATION TO REDUCE THE**

 **POSSIBLE BUILDING OF FORMALDEHYDE GAS,**

 **PARTICULARLY WHEN HIGH TEMPERATURES OCCUR.**

**WOOD DUST: AVOID DUSTY CONDITIONS AND PROVIDE GOOD**

**VENTILATION.**

**GENERALLY APPLICABLE CONTROL MEASURES:**

**VENTILATION: PROVIDE ADEQUATE GENERAL AND LOCAL EXHAUST**

**VENTILATION TO KEEP AIRBORNE CONTAMINANT**

**CONCENTRATION LEVELS BELOW THE OSHA PEL.**

**PERSONAL PROTECTIVE EQUIPMENT: WEAR GOGGLES OR SAFETY GLASSES WHEN MANUFACTURING**

**OR MACHINING THE PRODUCT. WEAR NOSH/MSHA APPROVED**

**RESPIRATOR WHEN THE ALLOWABLE EXPOSURE LIMITS MAY**

**BE EXCEEDED. OTHER PROTECTIVE EQUIPMENT SUCH AS**

**GLOVES AND OUTER GARMENTS MAY BE NEEDED DEPENDING**

**ON DUST CONDITIONS.**

**EMERGENCY & FIRST AID PROCEDURES:**

**EYES: FLUSH EYES WITH LARGE AMOUNTS OF WATER REMOVE TO**

**FRESH AIR. IF IRRITATION PERSISTS, GET MEDICAL**

**ATTENTION.**

**SKIN: WASH AFFECTED AREAS WITH SOAP AND WATER. GET**

**MEDICAL ADVISE IF RASH OR PERSISTENT IRRITATION OR**

**DERMATITIS OCCURS.**

**INHALATION: REMOVE TO FRESH AIR, GET MEDICAL ADVICE IF PERSISTENT**

**IRRITATION, SEVERE COUGHING OR BREATHING DIFFICULTY**

**OCCURS.**

**INGESTION: NOT APPLICABLE**

**IMPORTER NAME & ADDRESS DATE SUPERSEDED DATA PREPARED BY**

**PANOPLY WOOD PRODUCTS, INC 08-01-2023 N/A STAFF**

**414 FIRST STREET**

## SOLVANG, CA 93463

**IMPORTANT: THE INFORMATION AND DATA HEREIN ARE BELIEVED TO BE ACCURATE**

**AND HAVE BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE. IT IS OFFERED**

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