

K-G PACKAGING  
8001 KEELE STREET, P.O BOX 89  
CONCORD; L4K 1Y8; ONTARIO

**PRODUCT: 10251-23-004 JIG-A-PATCH 155G****Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER ..... K-G PACKAGING INC.  
8001 KEELE STREET P.O. BOX 89  
ONTARIO  
CANADA  
L4K 1Y8  
CANUTEC EMERGENCY #: 1-613-996-6666(24HR)  
10251-23-004 JIG-A-PATCH 155G  
PRODUCT NAME.....  
CHEMICAL FAMILY..... AN AQUEOUS MIXTURE OF MINERALS AND VINYL ACETATE POLYMER.  
MOLECULAR WEIGHT..... NOT APPLICABLE.  
CHEMICAL FORMULA..... NOT APPLICABLE.  
TRADE NAMES & SYNONYMS..... 10251-23-004 JIG-A-PATCH 155G  
PRODUCT USES..... ALL PURPOSE READY TO USE DRYWALL COMPOUND.  
FORMULA/LAB BOOK #..... F 23-JIG1.

**Section 02: COMPOSITION/INFORMATION INGREDIENTS**

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route, Species	LC/50 Route, Species
CALCIUM CARBONATE	30-60	15 mg/m3	1317-65-3	NOT AVAILABLE	NOT AVAILABLE
DEIONIZED WATER	15-40	N/A	7732-18-5	NOT AVAILABLE	NOT AVAILABLE
MICA	3-10	0.3 mg/kg	12001-26-2	NOT AVAILABLE	NOT AVAILABLE
ATTAPULGITE	1-5	NOT ESTABLISHED	12174-11-7	NOT ESTABLISHED	NOT ESTABLISHED
POLYVINYL ACETATE	<5		9003-20-7	NOT AVAILABLE	NOT AVAILABLE
CRYSTALLINE QUARTZ	0.7-2.0	0.1 mg/M3 (mist)	14808-60-7	NOT AVAILABLE	NOT AVAILABLE
DIMETHYL ETHER	10-30	1000ppm	115-10-6	NOT APPLICABLE	164000ppm (4h) RAT - INHAL

**Section 03: HAZARDS IDENTIFICATION**

ROUTE OF ENTRY:  
INGESTION..... MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.  
INHALATION..... PROPELLANT IS A SIMPLE ASPHYXIAN.  
EYE CONTACT..... MAY CAUSE IRRITATION.  
SKIN ABSORPTION..... MAY BE ABSORBED BY THE SKIN.  
SKIN CONTACT..... MAY CAUSE IRRITATION.  
EFFECTS OF ACUTE EXPOSURE..... PROLONGED AND CONTINUOUS EXPOSURE TO AN EXCESSIVE CONCENTRATION OF DUST OF ANY KIND, INCLUDING ATTAPULGITE, MAY HAVE AN ADVERSE PULMONARY EFFECT ON SOME PEOPLE.  
EFFECTS OF CHRONIC EXPOSURE..... REFER TO CARCINOGENICITY OF MATERIAL.  
SILICA, QUARTZ - LONG TERM EXPOSURE TO CRYSTALLINE SILICA CAUSES SILICOSIS, A FORM OF PULMONARY FIBROSIS. CONTINUES EXPOSURE CAN LEAD TO CARDIOPULMONARY IMPAIRMENT. LONG TERM EXCESSIVE EXPOSURES MAY CAUSE TALCOSIS, A PULMONARY FIBROSIS WHICH IN TURN MAY LEAD TO SEVERE AND PERMANENT DAMAGE TO THE LUNG.  
EXPOSURE LIMIT OF MATERIAL..... SEE SECTION 2.

**Section 04: FIRST AID MEASURES**

EMERGENCY FIRST AID PROCEDURE ..... IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

**Section 05: FIRE FIGHTING MEASURES**

AUTO IGNITION TEMPERATURE (°C)..... NOT APPLICABLE.  
SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARTATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.  
FLAMMABILITY..... NOT A FLAMMABLE PRODUCT.  
IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.  
EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
FLASH POINT (C), TAG CLOSED CUP..... UNKNOWN.  
UPPER FLAMMABLE LIMIT..... 18.0.  
(% BY VOLUME)  
LOWER FLAMMABLE LIMIT..... 3.4.  
(% BY VOLUME)

**PRODUCT: 10251-23-004 JIG-A-PATCH 155G****Section 05: FIRE FIGHTING MEASURES**

EXPLOSION DATA	
SENSITIVITY TO STATIC DISCHARGE.....	NOT APPLICABLE.
SENSITIVITY TO IMPACT.....	NOT APPLICABLE.
HAZARDOUS COMBUSTION PRODUCTS.....	HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
AEROSOL FLAME PROJECTION CLASSIFIED AS:.....	0 cm.
FLASHBACK.....	NONE.

**Section 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL.....	REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.
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**Section 07: HANDLING AND STORAGE**

STORAGE NEEDS.....	KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
ENGINEERING CONTROLS.....	VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
HANDLING PROCEDURES AND EQUIPMENT.....	STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
SYNERGISTIC MATERIALS.....	NONE KNOWN.

**Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION**

GLOVES/ TYPE.....	WEAR CHEMICAL RESISTANT GLOVES.
RESPIRATORY/TYPE.....	IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED.
EYE/TYPE.....	SAFETY GLASSES.
FOOTWEAR/TYPE.....	NOT NORMALLY REQUIRED.
OTHER/TYPE.....	NOT REQUIRED.

**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE.....	AEROSOL.
APPEARANCE.....	GREY TO OFF WHITE.
ODOR.....	VERY SLIGHT, IF ANY, ODOR.
ODOR THRESHOLD.....	NOT AVAILABLE.
VAPOUR PRESSURE(PSIG)-AEROSOL.....	45-60.
@ 20 C	
BOILING POINT (°C)(CONC).....	LOWEST KNOWN VALUE IS100C BASED ON WATER.
EVAPORATION RATE.....	LESS THAN 1.
n-BUTYL ACETATE = 1	
VAPOUR DENSITY (AIR=1).....	GREATER THAN 1.
(BY WEIGHT)	
SOLUBILITY IN WATER g/L (20°C).....	NOT AVAILABLE.
pH.....	9.0-9.5.
SPECIFIC GRAVITY (LIQUID).....	1.58-1.62.
COEFFICIENT OF WATER/OIL DIST.....	NOT AVAILABLE.
FREEZING POINT: (°C).....	0°C / 32°F APPROX.
AEROSOL PERCENT VOLATILE.....	30-60.
(BY WEIGHT).	
SPECIFIC GRAVITY (AEROSOL).....	1.33-1.37.

**Section 10: STABILITY AND REACTIVITY**

HAZARDOUS PRODUCTS OF DECOMPOSITION.....	DIOXIDE (CO2). ABOVE 175C-POLYVINYL ACETATE MAY DECOMPOSE TO H2O, CO2, CO, AND ACETIC ACID, COULD PRODUCE VINYL ACETATE MONOMERS.
CHEMICAL STABILITY:	
YES.....	UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?.....	NOT APPLICABLE.
COMPATIBILITY WITH OTHER SUBSTANCES:	
NO, WHICH ONES?.....	STRONG OXIDIZING AGENTS.
REACTIVITY CONDITIONS?.....	NOT APPLICABLE.
HAZARDOUS POLYMERIZATION.....	WILL NOT OCCUR.
CONDITIONS TO AVOID:.....	STORAGE IN OPEN CONTAINERS. EXPOSURE TO HEAT AND/OR OPEN FLAME, UNCONTROLLED MIXING WITH (OR EXPOSURE TO) INCOMPATIBLE SUBSTANCES (ABOVE).

**Section 11: TOXICOLOGICAL INFORMATION**

REPRODUCTIVE EFFECTS.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED.
IRRITANCY OF MATERIAL.....	SKIN/EYE IRRITANT.
SENSITIZING CAPABILITY OF MATERIAL.....	UNKNOWN.
CARCINOGENICITY OF MATERIAL.....	CRYSTALLINE SILICA HAS BEEN REVIEWED BY IARC. IARC FOUND SUFFICIENT EVIDENCE IN HUMANS FOR THE CARCINOGENICITY OF INHALED CRYSTALLINE SILICA IN THE FORM OF QUARTZ OR CRISTOBALITE FROM OCCUPATIONAL SOURCES.
TERATOGENICITY.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.
MUTAGENICITY.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.

**PRODUCT: 10251-23-004 JIG-A-PATCH 155G****Section 12: ECOLOGICAL CONSIDERATIONS**

ENVIRONMENTAL..... NOT AVAILABLE.

**Section 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

**Section 14: TRANSPORTATION INFORMATION**T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.2).  
D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.**Section 15: REGULATORY INFORMATION****CANADIAN REGULATIONS:**WHMIS CLASSIFICATION..... A,D2A.  
CNFC SECTION 3.3.5..... LEVEL 1.  
CEPA (Canadian Environmental Protection Act) ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.**U.S. REGULATIONS:**HMIS RATING HEALTH..... 1 SLIGHT HAZARD.  
HMIS RATING FLAMMABILITY..... 1 SLIGHT HAZARD.  
HMIS RATING REACTIVITY..... 1 SLIGHT HAZARD.  
HMIS RATING PERSONAL PROTECTION..... B.  
NFPA CODE 30B..... LEVEL 1.  
SARA 313 INFORMATION: THIS PRODUCT CONTAINS NO INGREDIENTS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.  
CAS #: CHEMICAL NAME:  
N/A.  
CALIFORNIA PROPOSITION 65: THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:  
WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.  
CAS #: CHEMICAL NAME:  
\*14808-60-7 CRYSTALLINE QUARTZ.  
TSCA (Toxic Substances Control Act)..... ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.  
VOC (w/w%)..... 11-12.**Section 16: OTHER INFORMATION**NOTICE FROM KG PACKAGING INC ..... THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY K-G PACKAGING INC. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. K-G PACKAGING INC. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.  
PREPARED BY..... TECHNICAL SERVICES  
PREPARATION DATE ..... May10/07