



GH INTERNATIONAL SEALANTS ULC  
 2540 RENA ROAD  
 MISSISSAUGA, ONTARIO, L4T 3C9  
 CANADA  
 1-905-677-5522

**PRODUCT: BLACK JACK MS 201**

**CODE: 6007**

**SECTION 01: IDENTIFICATION**

Supplier identifier..... GH INTERNATIONAL SEALANTS ULC  
 2540 Rena Road  
 Mississauga, ON. L4T 3C9  
 1-905-677-5522

Product identifier..... BLACK JACK MS 201

Product code..... 6007

Product use..... Primer for self-adhesive membrane.

Emergency telephone number..... CANUTEC 24-hour number (613-996-6666). CHEMTREC 1-800-424-9300.

**SECTION 02: HAZARD IDENTIFICATION**



Hazard classification..... Flammable Aerosols — Category 1. Gases Under Pressure — Liquefied Gas. Simple Asphyxiants — Category 1. Skin Irritation — Category 2. Eye Irritation — Category 2A. Reproductive Toxicity — Category 2. Specific Target Organ Toxicity - Single Exposure - Category 3 (narcotic effects). Specific Target Organ Toxicity - Repeated Exposure - Category 2 (central nervous system). Aspiration Hazard — Category 1.

Signal word..... DANGER.

Hazard statement..... H222 Extremely flammable aerosol. H280 Contains gas under pressure; may explode if heated. May displace oxygen and cause rapid suffocation. . H315 Causes skin irritation. H319 Causes serious eye irritation. H361 Suspected of damaging fertility or the unborn child. H336 May cause drowsiness or dizziness. H373 May cause damage to organs (central nervous system) through prolonged or repeated exposure. H304 May be fatal if swallowed and enters airways.

Precautionary statements..... P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P280 Wear protective gloves/protective clothing/eye protection/face protection. P264 Wash thoroughly after handling. P260 Do not breathe fume/gas/mist/vapours/spray. P271 Use only outdoors or in a well-ventilated area. P308+P313 IF exposed or concerned: Get medical advice/attention. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash before reuse. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 Do NOT induce vomiting. P405 Store locked up. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F. P501 Dispose of contents/container to an approved waste disposal plant.

Other hazards..... None.

**SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENTS	CAS #	WT. %
Acetone	67-64-1	15-40
Toluene	108-88-3	15-40
Hexane	110-54-3	5-10
Heptane	142-82-5	1-5
Ethyl acetate	141-78-6	1-5
Dimethyl ether	115-10-6	10-30
Propane	74-98-6	7-13

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**SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS**

Isobutane

75-28-5

3-7

**SECTION 04: FIRST-AID MEASURES**

Routes of exposure	
Inhalation.....	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical aid as soon as possible.
Ingestion.....	Do not induce vomiting; aspiration hazard. Dilute with 1-2 glasses of water. Get medical aid. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Call a physician or poison control center immediately.
Skin contact.....	Wash off with soap and water. Get medical attention if irritation develops and persists. Take off contaminated clothing and wash before reuse.
Eye contact.....	Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
Most important symptoms and effects, both acute and delayed	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
Medical attention and special treatment.....	IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved. Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**SECTION 05: FIRE-FIGHTING MEASURES**

Extinguishing media.....	Use dry chemical, alcohol foam, carbon dioxide or water spray to extinguish. Do not use water jet as an extinguisher, as this will spread the fire.
Hazardous combustion products.....	Carbon oxides. Evolution of fumes/fog. Harmful vapours. The substances/groups of substances mentioned can be released in case of fire.
Special protective equipment and precautions	Firefighters should be equipped with self-contained breathing apparatus and turn-out gear. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated .
Sensitivity to static discharge.....	Take precautionary measures against static discharge. Expected to be sensitive.
Sensitivity to mechanical impact	
Further information.....	EXTREMELY FLAMMABLE. Closed containers may explode when exposed to extreme heat. Vapors are heavier than air and may flow along surfaces to remote ignition sources and flash back . During fire, gases hazardous to health may be formed.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	Use personal protective clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Eliminate all sources of ignition. Ensure adequate ventilation. Restrict access to area until completion of clean up. Evacuate personnel to safe areas. Ensure clean up is conducted by trained personnel only .
Environmental precautions.....	Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.
Methods and materials for containment and cleaning up	Stop leak. Dike and contain spill. Absorb in vermiculite, dry sand or earth and place into container. Nonsparking tools should be used. Do not use combustible absorbents, such as sawdust . Do not place into containers where ignition sources such as cigarettes or other ignition sources may be discarded. Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS .

**SECTION 07: HANDLING AND STORAGE**

Handling precautions.....	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid contact during pregnancy/while nursing. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid contact with skin and eyes. Use only with adequate ventilation. Wear appropriate personal protective equipment. When using, do not eat, drink or smoke.
Storage needs.....	Keep in a dry, cool and well-ventilated place. Store large quantities in buildings designed and protected for storage of NFPA Class I flammable liquids. Keep away from heat, sparks, flame and sources of ignition .
Materials to avoid.....	Keep away from oxidizing agents.

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## SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Acetone	250 ppm	500 ppm	750 ppm	1000 ppm	250 ppm
Toluene	50 ppm	not available	200 ppm	300 ppm	100 ppm TWA; 150 ppm STEL
Hexane	50 ppm	not available	50 ppm	not available	50 ppm
Heptane	400 ppm	500 ppm	400 ppm	not available	400 ppm
Ethyl acetate	400 ppm	not available	400 ppm	not available	not available
Dimethyl ether	100 ppm	not available	not available	not available	not available
Propane	1,000 ppm	not available	not available	not available	not available
Isobutane	not available	1,000 ppm	not available	not available	800 ppm
Engineering controls.....	Good general ventilation (typically 10 air changes per hour) should be used .				
Individual protection measures					
Eye/type.....	Chemical splash goggles.				
Clothing/type.....	Wear clean long legged, long sleeved work clothes.				
Gloves/ type.....	Wear chemical protective gloves made of nitrile or neoprene.				
Respiratory/type.....	Respiratory protection is required when there is a potential for airborne exposures in excess of applicable limits. When required wear NIOSH/MSHA approved respiratory protection.				
Hygiene measures.....	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke during work. Remove soiled clothing and wash it thoroughly before reuse. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities.				

## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance.....	Aerosolized mist.
Color.....	clear.
Odour.....	solvent odour.
Odour threshold.....	no data available.
pH.....	not applicable.
Melting point (°C).....	not applicable.
Freezing point (°C).....	no data available.
Initial boiling point (°C).....	-42.
Flash point (°C), Method.....	-18 (Concentrate).
Evaporation rate.....	faster than ether.
Upper flammability limit (% vol).....	12.8.
Lower flammability limit (% vol).....	1.
Vapour pressure (mm Hg).....	no data available.
Vapour density (air=1).....	> 1.
Relative density/Specific Gravity.....	0.72-0.76.
Water solubility.....	partial.
Solubility in other solvents.....	no data available.
Partition coefficient — n-octanol/water.....	no data available.
Auto ignition temperature (°C).....	465-480.
Thermal decomposition temperature.....	no data available.
Viscosity.....	no data available.
Percent volatile.....	90-92.

## SECTION 10: STABILITY AND REACTIVITY

Reactivity.....	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability.....	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions.....	No hazardous reactions when stored and handled according to instructions. The product is chemically stable.
Conditions to avoid.....	Avoid temperatures above 120°F (49°C). Avoid contact with strong acid and strong bases. Avoid all possible sources of ignition.
Incompatible materials.....	Strong oxidizing agents.
Hazardous decomposition products.....	Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon (CO and CO <sub>2</sub> ), fumes and smoke may be produced.

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## SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Acetone	71.0 mg/l (Inhalation-rat, 4H)	5,800 mg/kg (oral, rat); > 15,800 mg/kg (dermal, rabbit)
Toluene	30.1 mg/l (Inhalation- rat, 4H)	5,580 mg/kg (oral, rat); 12,125 mg/kg (dermal, rabbit)
Hexane	172.8 mg/l (Inhalation-rat, 4H)	25,000 mg/kg (oral-rat); 3,000 mg/kg (dermal-rabbit)
Heptane	100 mg/l (Inhalation-rat, 4H)	>5,000 mg/kg (oral-rat); 3,000 mg/kg (dermal-rabbit)
Ethyl acetate	43.2 mg/l (Inhalation- rat, 4H)	5,600 mg/kg (oral- rat); > 18,000 mg/kg (dermal-rabbit)
Dimethyl ether	308.5 mg/l (Inhalation-rat, 4H)	not available
Propane	not available	not available
Isobutane	658 mg/l (inhalation-rat, 4H)	not available
Routes of exposure		
Inhalation.....	High concentrations of vapors may be irritating to the respiratory tract. May cause headaches, dizziness, nausea and vomiting.	
Ingestion.....	Ingestion of this product may cause nausea, vomiting and diarrhea. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury .	
Skin contact.....	Contact may cause skin irritation.	
Eye contact.....	Contact may cause eyes irritation.	
Acute effects		
Acute oral toxicity.....	Acute toxicity estimate > 2,000 mg/kg. Virtually nontoxic after a single ingestion. Method: calculation method.	
Acute dermal toxicity.....	LD50 (Rabbit) : > 2,000 mg/kg. Virtually nontoxic after a single skin contact. Method: calculation method.	
Acute inhalation toxicity.....	Acute toxicity estimate : > 20 mg/l. Virtually nontoxic by inhalation. Method: calculation method.	
Skin corrosion/irritation.....	Result: Moderate skin irritation.	
Serious eye damage/eye irritation.....	Result: Severe eye irritation.	
Respiratory or skin sensitisation.....	Non-sensitizing.	
Specific target organ toxicity (STOT) single exposure	Inhalation may cause narcosis.	
Aspiration hazard.....	Aspiration hazard. If swallowed, may be aspirated and cause lung damage.	
Chronic toxicity/effects		
Specific target organ toxicity (STOT) repeated exposure	May cause damage to organs (central nervous system) through prolonged or repeated exposure. Chronic exposure to organic solvents such as Toluene have been associated with various neurotoxic effects including permanent brain and nervous system damage .	
Germ Cell Mutagenicity.....	No known significant effects or critical hazards.	
Carcinogenicity.....	No carcinogenic substances as defined by IARC, NTP, OSHA and/or ACGIH.	
Reproductive toxicity.....	May cause adverse reproductive effects. Possible risk of harm to the unborn child (Toluene).	
Remarks.....	The product has not been tested. The statement has been derived from the properties of the individual components.	
Symptoms of Exposure.....	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.	

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity.....	May cause long-term adverse effects in the aquatic environment.
Persistence and degradability.....	The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.
Bioaccumulative potential.....	No data available.
Mobility in soil.....	No data available.
Other adverse effects.....	No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods.....	Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
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**SECTION 14: TRANSPORT INFORMATION**

TDG classification..... Aerosols, flammable, UN1950, Class 2.1.

**SECTION 15: REGULATORY INFORMATION**

WHMIS regulatory status..... This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015). This product is WHMIS 2015 controlled.

**SECTION 16: OTHER INFORMATION**

Disclaimer..... The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

Prepared by: ..... CanChem Consultant  
Preparation date..... APR 24/2017