



Moneysworth & Best  
120 Midair Court  
Brampton, ON, L6T 5V1  
Canada  
905-790-0650

**PRODUCT: 27078\_SAR 20 All Purpose Glue 88.7ml**

**CODE: 27078**

### SECTION 01: IDENTIFICATION

Product Identity..... 27078\_SAR 20 All Purpose Glue 88.7ml  
Product Item Numbers..... 27078  
Supplier..... Moneysworth & Best  
120 Midair Court  
Brampton, ON  
Canada  
L6T-5V1  
905-790-0650  
24 hour emergency telephone number..... In Canada: Call CANUTEC (613) 996-6666 - In The United States: Call CHEMTREC (800) 424-9300.  
Recommended Use..... Adhesive .

### SECTION 02: HAZARD IDENTIFICATION



Label Elements:  
Signal Word..... DANGER.  
Hazard Classification:  
Physical Hazards..... Flammable Liquids - Category 2.  
Health Hazards..... Skin Irritation - Category 2. Skin Sensitization - Category 1. Reproductive Toxicity - Category 2. Germ Cell Mutagenicity - Category 1B. Eye Irritation - Category 2A. Chronic Aquatic Hazard - Category 1. Aspiration Hazard - Category 1. Specific Target Organ Toxicity, Repeated Exposure - Category 2. Specific Target Organ Toxicity, Single Exposure - Category 3.

Hazard Statement..... H225:Highly flammable liquid and vapour. H401 - Toxic to aquatic life. H410:Very toxic to aquatic life with long lasting effects. H373:May cause damage to organs through prolonged or repeated exposure. H361: Suspected of damaging fertility or the unborn child. H340:May cause genetic defects. H336:May cause drowsiness or dizziness. H319:Causes serious eye irritation. H317:May cause an allergic skin reaction. H315:Causes skin irritation. H304:May be fatal if swallowed and enters airways.

Precautionary Statements:  
Prevention..... P264:Wash hand thoroughly after handling. P271:Use only outdoors or in a well-ventilated area. P261:Avoid breathing dust/fume/gas/mist/vapours/spray. P280:Wear protective gloves. P273:Avoid release to the environment. P260:Do not breathe dust/ fume/ gas/ mist/ vapours /spray. P243:Take action to prevent static discharges. P242:Use non-sparking tools. P241:Use explosion-proof electrical/ventilating/lighting . P240:Ground and bond container and receiving equipment. P233:Keep container tightly closed. P210:Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280:Wear protective gloves/protective clothing.

Response..... P305+P351+P338:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P314:Get medical advice/attention if you feel unwell. P331:Do NOT induce vomiting. P304+P340:IF INHALED: Remove person to fresh air and keep comfortable for breathing. P301+P310:IF SWALLOWED: Immediately call a POISON CENTER/doctor. P303+P361+P353:IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

Storage..... P403+P233:Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.

Disposal..... P501:Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

Hazard(s) not otherwise classified (HNOC) Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Flammable vapors can accumulate in head space of closed systems.

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

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Toluene	108-88-3	15-40
Heptane, branched, cyclic and linear	426260-76-6	15-40
Naphtha (petroleum), hydro-treated light	64742-49-0	15-40
Acetone	67-64-1	7-13
Ethyl Acetate	141-78-6	5-10
Methyl Ethyl Ketone	78-93-3	5-10
Heptane	142-82-5	7-13
PHENOLIC RESIN	9003-35-4	5-10

**SECTION 04: FIRST-AID MEASURES**

Inhalation.....	Move the person to fresh air. If symptoms persist, call a physician.
Ingestion.....	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.
Eye Contact.....	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
Skin Contact.....	Remove contaminated clothing. Gently wash with plenty of soap and water followed by rinsing with water for at least 15 minutes. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.
Most important symptoms/effects, acute .. and delayed	N/A.
Indication of immediate medical attention and special treatment needed	None .

**SECTION 05: FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media.....	Dry chemical powder. Carbon dioxide. Foam, water spray or fog.
Unsuitable Extinguishing Media.....	None in particular.
Specific Hazards Arising from the Chemical	No further relevant information available.
Special Protective Equipment and ..... Precautions for Firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with water to prevent vapor pressure build up. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Remove undamaged containers from immediate hazard area if it is safe to do.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective ..... Equipment and Emergency Procedures	Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray). Use special care to avoid static electric charges. Keep away from heat, sparks, open flames, hot surfaces. – No smoking.
Methods and Materials for Containment .. and Cleaning Up	For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Do not take up in combustible material such as: saw dust or cellulosic material. Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Use only non-sparking tools.
Environmental Precautions.....	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
Emergency Procedures.....	Protective Equipment: Equip cleanup crew with proper protection. Emergency Procedures: Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

**SECTION 07: HANDLING AND STORAGE**

Precautions for Safe Handling.....	Additional Hazards When Processed: Flammable vapors may accumulate in the head space of closed systems. Container may remain hazardous when empty. Handle empty containers with care because residual vapors are flammable. . Precautions for Safe Handling: Use only non-sparking tools. Keep away from heat, sparks, open flames, hot surfaces. – No smoking. Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. .
Conditions for Safe Storage including any Incompatibilities	Technical Measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical,

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**SECTION 07: HANDLING AND STORAGE**

Conditions for Safe Storage including any Incompatibilities

ventilating, lighting equipment. Use only non-sparking tools. Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Incompatible Materials: Strong acids. Strong bases. Strong oxidizers. .

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

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Toluene	20 ppm	Not established	200 ppm	500 ppm 10 minutes	100 ppm/ STEL 150 ppm
Heptane, branched, cyclic and linear	Not available	Not available	Not available	Not available	Not available
Naphtha (petroleum), hydro-treated light	1640 mg/m3 (heptane)	Not established	Not established	Not established	Not established
Acetone	250 ppm	500 ppm	1,000 ppm (2,400 mg/m3)	Not available	Not available
Ethyl Acetate	400 ppm	Not available	400 ppm (1,400 mg/m3)	Not available	Not available
Methyl Ethyl Ketone	200 ppm	300 ppm	200 ppm (590 mg/m3)	300 ppm (885 mg/m3)	200 ppm (590 mg/m3)
Heptane	400 ppm	500 ppm	500 ppm	Not available	85 ppm for n-Heptane, 440 ppm for a ceiling conc.

PHENOLIC RESIN NOT AVAILABLE

Appropriate Engineering Controls..... Gas detectors should be used when flammable gases/vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. .

Individual Protection Measures:

Eye/Face Protection..... Prevent eye contact, wear safety glasses in the event that eye contact is possible.  
 Skin Protection..... Polyethylene or non reactive gloves. Do not use cotton, PVC, or wool.  
 Respiratory Protection..... Niosh approved respirator recommended. Local exhaust ventilation is required.

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State..... Liquid.  
 Physical Appearance..... Clear to light amber.  
 Odour..... Mild aromatic hydrocarbon odour.  
 Odour Threshold (ppm)..... Not available.  
 pH..... Not applicable.  
 Evaporation Rate (n-Butyl Acetate = 1)..... 11.6, based on Acetone [Ref Std: n-Butyl acetate = 1.0].  
 Boiling Point (°C)..... 53 - 78 °C (127.4 - 172.4 °F).  
 Melting / Freezing point (°C), liquid..... Not available.  
 Flash Point (°C), Method..... < -30 °C (-22 °F) (Tag Closed Cup).  
 Auto Ignition Temperature (°C)..... >203 °C (397 °F).  
 Flammability (solid, gas)..... Not applicable.  
 Vapour Pressure (psig)..... <=184 mm Hg @ 20 °C (68 °F) .  
 VOC Content..... 636 g/L (5.30 lbs/gal).  
 VHAP Content..... 1.39 lbs/lb solids.  
 Relative Density..... 0.82 g/mL .  
 Specific Gravity..... 0.82 @ 20 °C (68 °F).  
 Solubility in water..... Not soluble in water.  
 Lower Explosive Limit (% , vol)..... 1.0 % .  
 Upper Explosive Limit (% , vol)..... 13.0 % .  
 Viscosity..... 1,450 – 1,750 centipoise @ 20 °C (68 °F). Viscosity.  
 Solid Content..... 21 ± 2%.  
 Explosion Data – Sensitivity to Static ..... Yes, in certain circumstances product can ignite due to static discharge.  
 Discharge  
 Explosion Data – Sensitivity to Mechanical Impact Not expected to present an explosion hazard due to mechanical impact.

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**SECTION 10: STABILITY AND REACTIVITY**

Reactivity .....	Reacts with (strong) oxidizers: (increased) risk of fire. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors. .
Chemical Stability.....	Stable under the recommended storage and handling conditions.
Possibility of Hazardous Reactions.....	Hazardous polymerization will not occur.
Conditions to Avoid.....	Extreme temperatures and direct sunlight.
Incompatible Materials.....	Strong acids, bases, and oxidizing agents.
Hazardous Decomposition Products.....	Carbon oxides (CO, CO2). Will decompose above 150 °C (>300° F) releasing formaldehyde vapors. Formaldehyde is a potential carcinogen and can act as a potential skin and respiratory sensitizer. Formaldehyde can also cause respiratory and eye irritation. Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Toluene	28.1 mg/l (Rat - 4 hrs)	5,580 mg/kg (Oral - Rat); 12,125 mg/kg (Dermal - Rabbit)
Heptane, branched, cyclic and linear	Not available	Not available
Naphtha (petroleum), hydro-treated light	2,000 mg/m3 (Rat - 4 hrs)	8,000 mg/kg (Oral - Rat)
Acetone	71 mg/L (Rat - 4 hrs)	5,800 mg/kg (Oral - Rat); >15,800 mg/kg (Dermal - Rabbit)
Ethyl Acetate	28.8-57.7 mg/L (Rat - 4hrs)	10,200 mg/kg (Oral - Rat); >18,000 mg/kg (Dermal - Rabbit)
Methyl Ethyl Ketone	>5,000 ppm (Rat - 6hrs)	3,400 mg/kg (Oral - Rat); >8,000 mg/kg (Dermal - Rabbit)
Heptane	23.3 mg/L (Rat - 4hrs)	>5,840 mg/kg (Oral - Rat); >2,920 mg/kg (Dermal - Rat)
PHENOLIC RESIN	NOT AVAILABLE	NOT AVAILABLE
Information on Likely Routes of Exposure:		
Routes of entry - Inhalation		
Routes of entry - Skin & Eye.....	No.	
Routes of entry - Ingestion.....	No.	
Routes of entry - Skin Absorption.....	No.	
Symptoms Related to the Physical, .....	N/A.	
Chemical and Toxicological Characteristics		
Acute Toxicity.....	N/A.	
Skin Corrosion/Irritation.....	N/A.	
Serious Eye Damage/Eye Irritation.....	N/A.	
Respiratory or Skin Sensitization.....	N/A.	
Germ Cell Mutagenicity.....	No information is available, and no adverse effects are expected.	
Carcinogenicity.....	N/A.	
Reproductive Toxicity.....	No data available.	
STOT - Single Exposure.....	No data available .	
STOT - Repeated Exposure.....	No data available .	
Aspiration Hazard.....	No data available .	
Chronic Effects.....	Not available.	

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity.....	Ecology - General: Toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Acetone (67-64-1) LC50 Fish 1 4144.846 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) EC50 Daphnia 1 1679.66 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) LC 50 Fish 2 6210 (6210 - 8120) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) EC50 Daphnia 2 12600 (12600 - 12700) mg/l (Exposure time: 48 h - Species: Daphnia magna) Toluene (108-88-3) LC50 Fish 1 15.22 (15.22 - 19.05) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flowthrough]) EC50 Daphnia 1 5.46 (5.46 - 9.83) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) LC 50 Fish 2 12.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) EC50 Daphnia 2 11.5 mg/l (Exposure time: 48 h - Species: Daphnia magna) NOEC chronic crustacea 0.74 mg/l (Ceriodaphnia dubia) Ethyl acetate (141-78-6) LC50 Fish 1 220 - 250 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) EC50 Daphnia 1 560 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) LC 50 Fish 2 484 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) n-Heptane
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**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity..... (142-82-5) LC50 Fish 1 375.0 mg/l (Exposure time: 96 h - Species: Cichlid fish) Naphtha, petroleum, hydrotreated light (64742-49-0) LC50 Fish 1 8.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) Methyl ethyl ketone (78-93-3) LC50 Fish 1 3130 (3130 - 3320) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flowthrough]) EC50 Daphnia 1 520 mg/l (Exposure time: 48 h - Species: Daphnia magna) EC50 Daphnia 2 5091 mg/l (Exposure time: 48 h - Species: Daphnia magna).

Bioaccumulation Potential..... Acetone (67-64-1) BCF Fish 1 0.69 Log Kow -0.24 Toluene (108-88-3) Log Pow 2.65 Ethyl acetate (141-78-6) BCF Fish 1 30 Log Pow 0.6 n-Heptane (142-82-5) Log Pow 4.66 Methyl ethyl ketone (78-93-3) Log Pow 0.29.

Mobility in Soil..... The product itself has not been tested.

Other Adverse Effects..... Avoid release to the environment .

Persistence and degradability ..... Acetone (67-64-1) Persistence and Degradability Readily biodegradable in water.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Appropriate Disposal Methods..... Dispose in accordance with local, provincial and federal regulations.

Other Special Cautions..... Avoid release to the environment .

**SECTION 14: TRANSPORT INFORMATION**

UN Number

TDG (Canada- Road)..... Marine pollutant. ADHESIVES, Class 3.0, UN1133.

DOT (US-Road)..... Proper Shipping Name : ADHESIVES Hazard Class : 3 Identification Number : UN1133  
Label Codes : 3 Packing Group : II ERG Number : 128.

IMDG (International- Marine)..... Proper Shipping Name : ADHESIVES Hazard Class : 3 Identification Number : UN1133  
Label Codes : 3 Packing Group : II ERG Number : 128.

IATA (International- Air)..... Proper Shipping Name : ADHESIVES Packing Group : II Identification Number : UN1133  
Hazard Class : 3 Label Codes : 3 ERG Code (IATA) : 3H .

**SECTION 15: REGULATORY INFORMATION**

Canada Regulations:..... Refer to Section 2 for a WHMIS 2015 Classification for this product.

US Regulations

**SECTION 16: OTHER INFORMATION**

Disclaimer..... The information contained herein is based on data considered accurate. No guarantee or warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. The SDS provider assumes no responsibility for personal injury or property damage to vendors or users or third parties, caused by the material. Such vendors or users assume all risks with the use of the material.

Abbreviations..... ACGIH: American Conference of Governmental Industrial Hygienists; CAS: Chemical Abstract Service; NIOSH: National Institute for Occupational Safety and Health, OSHA: Occupational Safety and Health Administration- USA; TSCA: Toxic Substances Control Act 1976-USA; PEL: Permissible Exposure Limit; REL: Recommended Exposure Limit; TLV: Threshold Limit Value; VOC: Volatile Organic Content; WHMIS: Workplace Hazardous Materials Information System STOT: Specific Target Organ Toxicity.

Prepared by ..... Regulatory Affairs

Latest Revision ..... 2020-11-01