

MATERIAL SAFETY DATA SHEET

PRODUCT: AQUASEAL
REVISION DATE: SEPTEMBER 6, 2013

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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER/SUPPLIER: CANUSA-CPS, A DIVISION OF SHAWCOR LTD.
ADDRESS: 25 BETHRIDGE ROAD
CITY, PROVINCE/STATE: TORONTO, ONTARIO
POSTAL CODE: M9W 1M7
EMERGENCY PHONE NUMBER: (613) 996-6666 (CANUTEC)
INFORMATION NUMBER: (416) 743-7111

PRODUCT IDENTITY **AQUASEAL**
(AS USED ON LABEL AND LIST):
PRODUCT USE: PIPELINE SEALANT
PRODUCT I.D. NUMBER (PIN): NOT AVAILABLE

SECTION 2 - HAZARDS IDENTIFICATION

ADVERSE HEALTH EFFECTS:
MAY CAUSE SLIGHT IRRITATION TO EYES, SKIN AND RESPIRATORY SYSTEM

ENVIRONMENTAL EFFECTS:
NOT AVAILABLE

PHYSICAL AND CHEMICAL HAZARDS:
IRRITATING VAPOURS MAY BE RELEASED DURING DECOMPOSITION

SPECIFIC HAZARDS:
NOT AVAILABLE

CARCINOGENICITY INFORMATION:
NONE KNOWN

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS #</u>	<u>%</u>	<u>HAZARD SYMBOLS</u>	<u>RISK PHRASES</u>
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SECTION 4 - FIRST-AID MEASURES

EYE CONTACT:

FLUSH WITH WATER FOR 15 MINUTES; SEEK MEDICAL ATTENTION

SKIN CONTACT:

WASH WITH SOAP AND WATER; FOR CONTACT WITH HOT MATERIAL ALLOW SEALANT TO COOL; DO NOT REMOVE FROM SKIN AS IT CAN BE TORN EASILY; SEEK MEDICAL ATTENTION

INHALATION:

REMOVE TO FRESH AIR; IF EXPOSED TO GASES OR FUMES DURING DECOMPOSITION SEEK MEDICAL ATTENTION

INGESTION:

DO NOT INDUCE VOMITING; SEEK MEDICAL ATTENTION

NOTE TO PHYSICIAN:

NOT AVAILABLE

SECTION 5 - FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

FOAM; CARBON DIOXIDE; WATER SPRAY; DRY CHEMICAL

FIRE-FIGHTING HAZARDS:

IRRITATING VAPOURS MAY BE RELEASED DURING DECOMPOSITION

FIRE-FIGHTING PERSONAL PROTECTIVE EQUIPMENT:

USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING

FIRE-FIGHTING PROCEDURES:

FIGHT FIRE FROM A PROTECTED LOCATION; AVOID HIGH PRESSURE, DIRECT WATER STREAM THAT MAY SPREAD MOLTEN OR BURNING RESINS

THERMAL DECOMPOSITION BY-PRODUCTS:

OXIDES OF CARBON; HYDROCARBONS

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

WEAR PERSONAL PROTECTIVE EQUIPMENT

ENVIRONMENTAL PRECAUTIONS:

COLLECT MATERIAL AND DISPOSE ACCORDING TO APPLICABLE LEGISLATION

METHODS FOR CLEANING UP:

PICK UP PRODUCT IN SUITABLE CONTAINERS FOR DISPOSAL

SECTION 7 - HANDLING AND STORAGE

HANDLING REQUIREMENTS:

WEAR PERSONAL PROTECTIVE EQUIPMENT

STORAGE REQUIREMENTS:

COOL, DRY ENVIRONMENT

INCOMPATIBLE MATERIALS:

STRONG ACIDS AND OXIDIZERS

VENTILATION:

ADEQUATE GENERAL VENTILATION IS RECOMMENDED; LOCAL VENTILATION IF IN A CONFINED OR RESTRICTED AREA

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

ADEQUATE GENERAL VENTILATION IS RECOMMENDED; LOCAL VENTILATION IF IN A CONFINED OR RESTRICTED AREA

PERSONAL PROTECTIVE EQUIPMENT (PPE):

GLOVES/TYPE:	HEAT RESISTANT GLOVES WHEN HANDLING HOT MATERIAL
RESPIRATORY/TYPE:	NONE REQUIRE UNDER NORMAL CONDITIONS; A NIOSH APPROVED RESPIRATOR IS REQUIRED IN A CONFINED OR RESTRICTED AREA
EYE/TYPE:	SAFETY GLASSES OR FACE SHIELD
FOOTWEAR:	PROTECTIVE FOOTWEAR
CLOTHING:	LONG SLEEVES AND PANTS

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INGREDIENT EXPOSURE DATA:

<u>INGREDIENT</u>	<u>CAS #</u>	<u>LD₅₀ (SPECIES AND ROUTE)</u>	<u>LC₅₀ (SPECIES AND ROUTE)</u>	<u>OSHA (PEL) TWA</u>	<u>ACGIH (TLV) TWA</u>
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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DATA:

PHYSICAL STATE:	SOLID
COLOUR:	GREY
ODOUR:	NO ODOUR
ODOUR THRESHOLD (PPM):	NOT APPLICABLE
BOILING POINT:	NOT APPLICABLE
FREEZING POINT:	NOT APPLICABLE
MELTING POINT:	NOT APPLICABLE
EVAPORATION RATE:	NOT APPLICABLE
VAPOUR PRESSURE (MMHG):	NOT APPLICABLE
VAPOUR DENSITY (AIR = 1):	NOT APPLICABLE
PH:	NOT APPLICABLE
SPECIFIC GRAVITY (WATER = 1):	1.73
COEFFICIENT OF WATER/OIL DISTRIBUTION:	NOT APPLICABLE
SOLUBILITY IN WATER:	INSOLUBLE

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID:

EXCESSIVE HEAT

MATERIALS TO AVOID:

STRONG ACIDS AND OXIDIZERS

STABILITY AND REACTIVITY DATA:

STABILITY:	UNSTABLE: _____	STABLE: _____
HAZARDOUS POLYMERIZATION:	WILL OCCUR: _____	WILL NOT OCCUR: <u> X </u>

FLAMMABILITY DATA:

DECOMPOSITION TEMPERATURE:	>200°C (392 F)
FLASHPOINT:	>675°C (1247 F)
AUTOIGNITION TEMPERATURE:	NOT AVAILABLE

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HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:
OXIDES OF CARBON; HYDROCARBONS

EXPLOSION DATA:

STATIC DISCHARGE:	NOT AVAILABLE
MECHANICAL IMPACT:	NOT AVAILABLE
LOWER EXPLOSIVE LIMIT, LEL (%):	NOT AVAILABLE
UPPER EXPLOSIVE LIMIT, UEL (%):	NOT AVAILABLE

SECTION 11 - TOXICOLOGY INFORMATION

EFFECTS FROM EYE CONTACT:

CONTACT WITH PARTICULATE MAY CAUSE IRRITATION

EFFECTS FROM SKIN CONTACT:

MAY CAUSE IRRITATION; CONTACT WITH HOT MATERIAL MAY CAUSE BURNS

EFFECTS FROM INHALATION:

MAY CAUSE IRRITATION

EFFECTS FROM INGESTION:

MAY CAUSE IRRITATION

TOXICOLOGICAL DATA:

EFFECTS OF ACUTE EXPOSURE:	SEE ABOVE
EFFECTS OF CHRONIC EXPOSURE:	NONE ANTICIPATED
IRRITANCY OF MATERIAL:	SLIGHT
SENSITIZING CAPABILITY:	NONE KNOWN
CARCINOGENICITY OF MATERIAL:	NONE KNOWN
REPRODUCTIVE TOXICITY:	NONE KNOWN
TERATOGENICITY:	NONE KNOWN
MUTAGENICITY:	NONE KNOWN
SYNERGISTIC MATERIALS:	NONE KNOWN

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY DATA:

NOT AVAILABLE

OTHER EFFECTS AND INFORMATION:

NOT AVAILABLE

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SECTION 13 - DISPOSAL CONSIDERATIONS

PRODUCT AS SOLD:

DISPOSE OF IN COMPLIANCE WITH ALL FEDERAL, PROVINCIAL, STATE, MUNICIPAL AND LOCAL LEGISLATION

PRODUCT PACKAGING:

DISPOSE OF IN COMPLIANCE WITH ALL FEDERAL, PROVINCIAL, STATE, MUNICIPAL AND LOCAL LEGISLATION

SPECIAL INSTRUCTIONS:

NOT AVAILABLE

SECTION 14 - TRANSPORT INFORMATION

SHIPPING INFORMATION:

SHIPPING NAME:	NOT REGULATED AS A HAZARDOUS MATERIAL
PIN/UN NUMBER:	NOT REGULATED AS A HAZARDOUS MATERIAL
PACKING GROUP:	NOT REGULATED AS A HAZARDOUS MATERIAL
TDG REGULATED:	NOT REGULATED AS A HAZARDOUS MATERIAL
DOT REGULATED:	NOT REGULATED AS A HAZARDOUS MATERIAL
IATA REGULATED:	NOT REGULATED AS A HAZARDOUS MATERIAL
IMDG REGULATED:	NOT REGULATED AS A HAZARDOUS MATERIAL

SPECIAL SHIPPING INSTRUCTIONS:

NOT AVAILABLE

SECTION 15 - REGULATORY INFORMATION

NOTE:

THE REGULATORY INFORMATION PROVIDED IS NOT INTENDED TO BE COMPREHENSIVE. OTHER LOCAL, STATE, PROVINCIAL, FEDERAL, INTERNATIONAL OR COUNTRY SPECIFIC REGULATIONS MAY APPLY TO THIS MATERIAL. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

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GENERAL MATERIAL INFORMATION:

WHMIS CLASSIFICATION: NOT CONTROLLED
EUROPEAN CLASSIFICATION: NONE KNOWN
RISK PHRASES: NONE KNOWN
SAFETY PHRASES: NONE KNOWN

COMPONENT ANALYSIS – LIST STATUS:

<u>INGREDIENT</u>	<u>CAS #</u>	<u>CANADA WHMIS IDL</u>	<u>US CERCLA PRIORITY LIST</u>
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COMPONENT ANALYSIS – INVENTORY STATUS:

<u>INGREDIENT</u>	<u>CAS #</u>	<u>CANADA- DSL</u>	<u>US- TSCA</u>	<u>EU- EINECS</u>	<u>AUSTRALIA -AICS</u>
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SECTION 16 - OTHER INFORMATION

PREPARED BY: SHAWCOR LTD.
TELEPHONE NUMBER: (416) 743-7111
DATE PREPARED: JULY 14, 2005

ADDITIONAL INFORMATION: NONE

DISCLAIMER: THIS INFORMATION IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE. IT IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED. CANUSA-CPS, A DIVISION OF SHAWCOR LTD. ASSUMES NO LEGAL RESPONSIBILITY FOR THE USE OF, OR RELIANCE UPON, THIS DATA FOR HAZARDS WHICH MIGHT BE ASSOCIATED WITH THE USE OF THESE MATERIALS OR FOR RESULTS OBTAINED. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS. THIS MSDS WAS CREATED IN COMPLIANCE WITH APPLICABLE HAZARDOUS MATERIAL REGULATIONS, AND IS NOT INTENDED TO BE USED FOR ANY OTHER PURPOSE.