

MATERIAL SAFETY DATA SHEET

PRODUCT: HIGH PERFORMANCE COMPOSITE COATING (HPCC)

REVISION DATE: FEBRUARY 10, 2014

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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER/SUPPLIER: BREDERO SHAW, A DIVISION OF SHAWCOR LTD.
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CITY, PROVINCE/STATE: HOUSTON, TEXAS USA
POSTAL CODE: 77032-3400
EMERGENCY PHONE NUMBER: (613) 996-6666 (CANUTEC)
INFORMATION NUMBER: (416) 743-7111

PRODUCT IDENTITY **HIGH PERFORMANCE COMPOSITE COATING (HPCC)**
(AS USED ON LABEL AND LIST):
PRODUCT USE: CORROSION PROTECTION
PRODUCT I.D. NUMBER (PIN): NOT AVAILABLE

SECTION 2 - HAZARDS IDENTIFICATION

ADVERSE HEALTH EFFECTS:
MAY CAUSE SLIGHT IRRITATION TO EYES, SKIN AND RESPIRATORY SYSTEM;
PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN SENSITIZATION

ENVIRONMENTAL EFFECTS:
NOT AVAILABLE

PHYSICAL AND CHEMICAL HAZARDS:
NOT AVAILABLE

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 IF SYMPTOMS PERSIST

SKIN CONTACT:

WASH WITH SOAP AND WATER FOR 15 MINUTES; REMOVE CONTAMINATED CLOTHING; SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST

INHALATION:

REMOVE TO FRESH AIR; SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST

INGESTION:

DO NOT INDUCE VOMITING; SEEK MEDICAL ATTENTION

NOTE TO PHYSICIAN:

NOT AVAILABLE

SECTION 5 - FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

DRY CHEMICAL; FOAM; CARBON DIOXIDE; WATER SPRAY

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 APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT

ENVIRONMENTAL PRECAUTIONS:

DISPOSE OF ACCORDING TO APPLICABLE LEGISLATION

METHODS FOR CLEANING UP:

SWEEP OR SHOVEL INTO A CONTAINER FOR REUSE OR DISPOSAL

SECTION 7 - HANDLING AND STORAGE

HANDLING REQUIREMENTS:

WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT

STORAGE REQUIREMENTS:

COOL, DRY ENVIRONMENT

INCOMPATIBLE MATERIALS:

STRONG ACIDS AND OXIDIZERS

STRONG OXID

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:	WEAR A NIOSH APPROVED RESPIRATOR DURING APPLICATION AND HANDLING WHERE VAPOUR/MIST IS ENCOUNTERED IN THE BREATHING ZONE; AFTER APPLICATION AND DRYING, WEAR A DUST RESPIRATOR FOR ANY SANDING OR GRINDING TYPE ACTIVITIES
EYE/TYPE:	SAFETY GLASSES
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
FORM:	PLASTIC COATING
COLOUR:	YELLOW OR BLACK
ODOUR:	NO ODOUR
ODOUR THRESHOLD (PPM):	NOT APPLICABLE
BOILING POINT:	425°C (797 F)
FREEZING POINT:	NOT AVAILABLE
MELTING POINT:	NOT AVAILABLE
EVAPORATION RATE:	NOT AVAILABLE
VAPOUR PRESSURE (mmHg):	NOT AVAILABLE
VAPOUR DENSITY (AIR = 1):	NOT AVAILABLE
pH:	NOT AVAILABLE
SPECIFIC GRAVITY (WATER = 1):	NOT AVAILABLE
COEFFICIENT OF WATER/OIL DISTRIBUTION:	NOT AVAILABLE
SOLUBILITY IN WATER:	INSOLUBLE

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID:

EXCESSIVE TEMPERATURES

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:	NOT AVAILABLE
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:

MAY CAUSE IRRITATION

EFFECTS FROM SKIN CONTACT:

MAY CAUSE IRRITATION

EFFECTS FROM INHALATION:

MAY CAUSE IRRITATION

EFFECTS FROM INGESTION:

MAY CAUSE IRRITATION

TOXICOLOGICAL DATA:

EFFECTS OF ACUTE EXPOSURE:	SEE ABOVE
EFFECTS OF CHRONIC EXPOSURE:	MAY CAUSE SKIN SENSITIZATION
IRRITANCY OF MATERIAL:	SLIGHT
SENSITIZING CAPABILITY:	MAY OCCUR
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, STATE, PROVINCIAL, MUNICIPAL AND LOCAL LEGISLATION

PRODUCT PACKAGING:

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

SPECIAL INSTRUCTIONS:

NOT AVAILABLE

SECTION 14 - TRANSPORT INFORMATION

SHIPPING INFORMATION:

SHIPPING NAME:	HIGH PERFORMANCE COMPOSITE COATING (HPCC)
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.

GENERAL MATERIAL INFORMATION:

WHMIS CLASSIFICATION: EXEMPT (MANUFACTURED ARTICLE)

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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: MAY 17, 2007

ADDITIONAL INFORMATION: NONE

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