




SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTRATE AND OF THE COMPANY				
PRODUCT NAME	Asphalt Revitalizer 55			
PRODUCT USE	Asphalt Revitalizer			
MANUFACTURER'S NAME	CRC COATING TECHNOLOGIES INC.™ 6254 Skyway Rd, PO Box 915 Smithville, ON L0R 2A0 info@crccoatings.com CRC COATING TECHNOLOGIES INC.™ 3909 Witmer Rd Ste 1014 Niagara Falls, NY 14305 www.crccoatings.com	MANUFACTURERS CONTACT NUMBERS TEL: 289-448-0157 TF: 888-292-5565 FAX: 905-527-0606	EMERGENCY NUMBERS CANUTEC (Canadian Transport Emergency Centre) 613-996-6666 or *666 (Canada Only) INFOTRAC 1-800-535-5053	
2. HAZARDS IDENTIFICATION				
				
ROUTE OF ENTRY	SKIN, EYES, INHALATION, INGESTION			
CARCINOGENIC STATUS	NONE			
TARGET ORGANS	SKIN, EYES, DIGESTION			
HEALTH EFFECTS - EYE	VERY IRRITATING TO EYES			
HEALTH EFFECTS - SKIN	SKIN IRRITANT			
HEALTH EFFECTS - INGESTION	HARMFUL IF SWALLOWED			
HEALTH EFFECTS - INHALATION	DO NOT BREATHE VAPOR			
  NFPA HMIS 5- MINIMAL, 4-SLIGHT, 3-MODERATE, 2-HIGH, 1- EXTREME				
3. COMPOSITION / INFORMATION ON INGREDIENTS				
HAZARDOUS INGREDIENTS	CASS NUMBER	TYPE	VOLUME	FORM
TALL OIL FATTY ACIDS	0179-12-3	TWA	5mg/m ³	OIL MIST RESPIRABLE
TALL OIL FATTY ACIDS	0179-12-3	STEL	10mg/m ³	OIL MIST RESPIRABLE
TALL OIL FATTY ACIDS	0179-12-3	STEL	5mg/m ³	OIL MIST RESPIRABLE
4. FIRST AID MEASURES				
FIRST AID - INHALATION	IF INHALED, MOVE PERSON INTO FRESH AIR. IF SYMPTOMS APPEAR, CONSULT PHYSICIAN			
FIRST AID- SKIN	WASH OFF WITH SOAP AND PLENTY OF WATER. IF SKIN IRRITATION OCCURS, CONSULT A PHYSICIAN			
FIRST AID – EYE	REMOVE CONTACT LENSES IF WORN. RINSE OPENED EYE FOR SEVERAL MINUTES UNDER RUNNING WATER. CONSULT A DOCTOR IF SYMPTOMS PERSIST			
FIRST AID - INGESTION	RINSE OUT MOUTH AND DRINK PLEANTY OF WATER. DO NOT INDUCE VOMITING; CALL FOR MEDICAL HELP IMMEDIATELY			
IMPORTANT FOR DOCTOR MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED <ul style="list-style-type: none"> MAY CAUSE GASTRIC OR INTESTINAL DISORDERS WHEN INGESTED SYMPTOMS MAY INCLUDE NAUSEA INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TRATMENT NEEDED <ul style="list-style-type: none"> TREAT SYMPTOMATICALLY 				

5. FIRE FIGHTING MEASURES	
CONDITIONS OF FLAMMABILITY	NON-FLAMMABLE
EXTINGUISHING MEDIA	FOAM, FIRE-EXTINGUISHING POWDER, CARBON DIOXIDE, GASEOUS EXTINGUISHING AGENTS
SPECIAL HAZARDS OF PRODUCT	FORMATION OF TOXIC GASES IS POSSIBLE DURING HEATING OR IN CASE OF FIRE
PROTECTIVE EQUIPMENT FOR FIRE FIGHTING	WEAR SELF-CONTAINED BREATHING APPARATUS FOR FIREFIGHTING IF NECESSARY
EXPLOSION DATA – SENSITIVITY TO IMPACT	N/A
EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE	N/A
6. ACCIDENTAL RELEASE MEASURES	
SPILL PROCEDURES	ABSORB WITH LIQUID-BINDING MATERIAL (SAND, DIATOMITE, ACID BINDERS. UNIVERSAL BINDERS, SAWDUST) DISPOSE CONTAMINATED MATERIAL AS WASTE ACCORDING TO SECTION 13 DISPOSE OF THE MATERIAL COLLECTED ACCORDING TO REGULATIONS
PERSONAL PRECAUTIONS	ENSURE ADEQUATE VENTILATION FOR LARGE SPILLS, WEAR PROTECTIVE CLOTHING, AND USE RESPIRATORY PROTECTIVE DEVICE AGAINST THE EFFECTS OF FUMES/DUST/AEROSOL
ENVIRONMENTAL PRECAUTIONS	DO NOT ALLOW TO ENTER SEWERS, SURFACE OR GROUND WATER
REFERENCES TO OTHER SECTIONS: SEE SECTION 7 FOR INFORMATION ON SAFE HANDLING SEE SECTION 8 FOR INFORMATION ON PERSONAL PROTECTION EQUIPMENT SEE SECTION 13 FOR DISPOSAL INFORMATION	
7. HANDLING AND STORAGE	
HANDLING	NORMAL MEASURES FOR PREVENTITIVE FIRE PROTECTION
STORAGE	KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE STORE AWAY FROM FOODSTUFFS
INFORMATION ABOUT PROTECTION AGAINST EXPLOSION AND FIRE	N/A
SPECIFIC END USE(S)	N/A
8. EXPOSURE CONTROLS / PERSONAL PROTECTION	
ENGINEERING CONTROL MEASURES	THE USUAL PRECAUTIONARY MEASURES ARE TO BE ADHERED TO WHEN HANDLING CHEMICALS
RESPIRATORY PROTECTION	NOT REQUIRED UNDER NORMAL CONDITIONS OF USE
HAND PROTECTION	WEARING PROTECTIVE GLOVES IS RECOMMENDED
EYE PROTECTION	AVOID CONTACT WITH EYES. USE OF SAFETY GLASSES IS RECOMMENDED
BODY PROTECTION	WEARING PROTECTIVE GLOVES IS RECOMMENDED
PROTECTION DURING APPLICATION	WEAR PROTECTIVE CLOTHING
9. PHYSICAL AND CHEMICAL PROPERTIES	
PHYSICAL STATE	LIQUID
ODOUR & APPEARANCE	SLIGHTLY SWEET, BLACK LIQUID
ODOUR THRESHOLD (ppm)	DATA NOT AVAILABLE
SPECIFIC GRAVITY	1.02
VAPOR DENSITY (AIR=1)	DATA NOT AVAILABLE
VAPOR PRESSURE 20 C	DATA NOT AVAILABLE
EVAPORATION RATE	DATA NOT AVAILABLE
BOILING POINT (°)	>100 °C / >212 °F
AUTOIGNITION TEMP (°)	DATA NOT AVAILABLE
10. STABILITY AND REACTIVITY	
STABILITY	STABLE UNDER NORMAL CONDITIONS OF USE
CONDITIONS TO AVOID	STORAGE IN DIRECT SUNLIGHT, EXTREMELY HIGH OR LOW TEMPERATURES
MATERIALS TO AVOID	STRONG ACIDS, STRONG BASES, STRONG OXIDIZERS
HAZARDOUS POLYMERIZATION	REACTS WITH STRONG OXIDIZING AGENTS TOXIC FUMES MAY BE RELEASED IF HEATED ABOVE THE DECOMPOSITION POINT
HAZARDOUS DECOMPOSITION PRODUCTS	CARBON MONOXIDE AND CARBON DIOXIDE

11. TOXICOLOGICAL INFORMATION	
EFFECT OF ACUTE EXPOSURE	WHEN USED AND HANDLED ACCORDING TO SPECIFICATION, THE PRODUCT DOES NOT HAVE ANY HARMFUL EFFECTS.
FREEZING POINT	<8 °C / <46.4 °F
pH	6.0 – 9.0
COEFFICIENT OF WATER /OIL DISTRIBUTION	DATA NOT AVAILABLE
SOLUBILITY IN WATER	MISCIBLE
VIC (g/L)	0
FLASH POINT (pmcc) (°C/°F)	NOT APPLICABLE
UPPER FLAMMABLE LIMIT %VOL	NON-FLAMMABLE
LOWER FLAMMABLE LIMIT %VOL	NON-FLAMMABLE
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	NONE
12. ECOLOGICAL INFORMATION	
MOBILITY	NO DATA AVAILABLE
PERSISTENCE / EDGRADAVILITY	NO DATA AVAILABLE
BIO-ACCUMULATION	NO DATA AVAILABLE
ECOTOXICITY	NO DATA AVAILABLE
RESULTS OF PBT AND vPvB ASSESSMENT PBT; N/A vPvB; N/A	
13. DISPOSAL CONSIDERATIONS	
PRODUCT DISPOSAL	SMALLER QUANTITIES CAN BE DISPOSED OF WITH HOUSEHOLD WASTE DISPOSE OF IN ACCORDANCE WITH FEDERAL, PROVINCIAL/STATE AND LOCAL HAZARDOUS WASTE LAWS. DO NOT DISCHARGE INTO SEWAGE OR MUNICIPAL WATER.
EFFECTS OF CHRONIC EXPOSURE	MAY CAUSE DAMAGE TO ORGANS
EXPOSURE LIMITS	N/A
IRRITANCY	EYE IRRITANT 2B (GHS)
SENSITIZATION	INSENSITIZED INDIVIDUALS
CARCINOGENICITY	NOT KNOWN
REPRODUCTIVE TOXICITY	NOT KNOWN
TERATOGENICITY	NOT KNOWN
MUTAGENICITY	NOT KNOWN
CONTAINER DISPOSAL	CONTAINER MAY REMAIN HAZARDOUS WHEN EMPTY. CONTINUE TO OBSERVE ALL PRECAUTIONS.
UNCLEANED PACKAGINGS	RECOMMENDATION: DISPOSAL MUST BE MADE ACCORDING TO OFFICIAL REGULATIONS
14. TRANSPORTATION INFORMATION	
HAZARD LABEL	NOT REQUIRED
EXPORT	NOT REGULATED
DOT CPR 172 101 DATA	NOT REGULATED
UN PROPER SHIPPING NAME	NOT REGULATED
UN CLASS	NOT REGULATED
UN NUMBER	NOT REGULATED
UN PACKAGING GROUP	NOT REGULATED
FLASH POINT	NOT APPLICABLE
HAZARDOUS MATERIAL	DATA NOT AVAILABLE
MARINE POLLUTANT	NO
SPECIFIC PRECAUTIONS FOR USER	HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. REFER TO PROTECTIVE MEASURES IN SECTIONS 7 AND 8
15. REGULATORY INFORMATION	
	
WHIMIS CLASSIFICATION: CLASS D DIVISION 2 SUBDIVISION B TOXIC MATERIAL CAUSING OTHER TOXIC EFFECTS	
CEPA STATUS (DSL) THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF CONTROLLED PRODUCTS REGULATION (CPR) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY CPR	

16. OTHER INFORMATION			
WHIMIS CLASSIFICATION 5-MINIMAL, 4-SLIGHT, 3-MODERATE, 2-HIGH, 1-EXTREME	HEALTH 4	FLAMMABILITY 5	PHYSICAL 5
KEY	N/A:	NO APPLIABLE INFORMATION FOUND OR AVAILABLE	
	CAS#:	CHEMICAL ABSTRACTS SERVICE NUMBER	
	ACGH:	AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS	
	OSHA:	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	
	TLV:	THRESHOLD LIMIT VALUE	
	PEL:	PERMISSIVLE EXPOSUE LIMIT	
	STEL:	SHORT TERM EXPOSURE LIMIT	
	NTP:	NATIONAL TOXICOLOGY PROGRAM	
	IARC:	INTERNATIONAL AGENCY FOR RESEARCH ON CANCER	
	R:	RISK	
	S:	SAFETY	
	LD50:	LETHAL DOSE 50%	
	LC50:	LETHAL CONCENTRATION 50%	
PREPARED BY	CRC COATING TECHNOLOGIES INC™		
SDS REVISION DATE	2019-10-24		
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