SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCES AND OF THE COMPANY

PRODUCT NAME	WiserShield™ 61 Brush and Roll
PRODUCT USE	Commercial Coating

MANUFACTURER'S NAME	CRC COATING TECHNOLOGIES INC.™ 6254 Skyway Rd., PO Box 915 SMITHVILLE, ON L0R 2A0 info@crccoatings.com	TEL 289-448-0157 888-292-5565 FAX 905-527-0606	CRC COATING TECHNOLOGIES INC.™ 3909 Witmer RD Suite 1014 NIAGARA FALLS, NY 14305 www.crccoatings.com

2. HAZARDS IIDENTIFICATION

GHS CLASSIFICATION: Flammability 5, Reactivity 5, Health 3

ROUTE OF ENTRY	Skin, eyes, inhalation.
CARCINOGENIC STATUS	Possible carcinogenic to humans.
TARGET ORGANS	Skin, Eyes, Lungs
HEALTH EFFECTS – EYE	Mists, vapors or fumes from this material can cause eye irritation with tearing, redness, or a stinging or burning feeling.
HEALTH EFFECTS – SKIN	May be harmful if absorbed through skin. May cause skin irritation with redness, an itching or burning feeling, and swelling of the skin.
HEALTH EFFECTS – INGESTION	May be harmful if swallowed. If swallowed in large quantities, asphalt can obstruct the intestine.
HEALTH EFFECTS - INHALATION	May be harmful if inhaled. Asphalt fumes have been associated with irritation of eyes nose and throat. Also, respiratory effects have been reported. Hydrogen sulfide (H^2S) can evolve when this product is stored or handled at elevated temperatures above 400°C. H^2S can cause respiratory irritation and hypoxia. At low concentrations, H^2S has an odor of rotten eggs. At higher concentrations, H^2S odor is not apparent. DO NOT use odor as an indicator of exposure to H^2S.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients are proprietary

4. FIRST AID MEASURES

FIRST AID – INHALATION	Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Seek medical attention immediately.
FIRST AID – SKIN	Take off all contaminated clothing immediately. Wash off with soap and water but do not attempt to remove asphalt that adheres to skin before obtaining medical assistance. Wash contaminated clothing before re-use. If symptoms persist, seek medical attention immediately.
FIRST AID – EYE	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, seek medical attention.
FIRST AID – INGESTION	Do NOT induce vomiting. Seek medical attention immediately. Clean mouth with water and drink afterwards plenty of water. If a person vomits when lying on his back, place him in the recovery position.

INFORMATION FOR DOCTOR

Most Important symptoms and effects, both acute and delayed

May cause skin irritation.

May cause eye irritation.

Indications of any immediate medical attention and special treatment needed. Treat symptomatically.

5. FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILTIY	Not flammable or combustible in delivery form. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
EXTINGUISHING MEDIA	Do not use a solid water stream as it may spread and scatter materials in combination.
SPECIAL HAZARDS OF PRODUCT	Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.
PROTECTIVE EQUIPMENT FOR FIRE FIGHTING	Keep unnecessary people away, isolate hazard area and deny entry. Fight fire for other material that is burning. Avoid contact with this material during firefighting operations. Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. For protective equipment in post-fire or non-fire clean-up situations, refer to the relevant sections.
EXPLOSION DATA – SENSITIVITY TO IMPACT	May form explosive mixture with air when heated above flashpoint.
EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE	Slight chance of static initiated explosion; especially when heated above flashpoint.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES	Deluge spills with a 10% salt or brine solution to solidify solids. Soak up exuded liquids with inert absorbent material and collect in ventilated waste container for disposal. Scrape any solids from area and dispose according to local regulations.
PERSONAL PRECAUTIONS	Isolate area. Avoid breathing vapors or mists. Keep unnecessary and unprotected personnel from entering the area. Spilled material may cause a slipping hazard on some surfaces. Use appropriate safety equipment. Ensure adequate ventilation. Carefully contain and stop the source of the spill if safe to do so. Protect bodies of water by diking, absorbents, or absorbent boom, if possible. Authorities should be notified if reportable quantity release occurs.
ENVIRONMENTAL PRECAUTIONS	Do not let product enter drains or other waterways.

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	Use only in well-ventilated areas. Avoid contact with skin and eyes. Avoid formation of dusts and aerosols. Do not smoke near areas where material is handled or stored. The product should only be used in areas where electrical classification meets the product rating for this product, i.e. intrinsically safe. Avoid contact with eyes, skin, and clothing. Do not swallow. Protect exposed skin with a barrier cream or light mineral oil (usp). Wash thoroughly after handling. See Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION.
STORAGE	Store in a dry place. Keep container tightly closed. Keep separated from incompatible substances (see below or Section 10 of the Safety Data Sheet).

INFORMATION ABOUT PROTECTION AGAINST EXPLOSION AND FIRE
Keep ignition sources away – Do not Smoke
Protect against electrostatic charges

SPECIFIC END USE(S)
No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROL MEASURES	Where available emergency eye wash stations and safety showers are recommended in the immediate vicinity of use or handling. Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations.
RESPIRATORY PROTECTION	Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. A respiratory protection program that meets 29 CFR 1910.134 must be followed whenever workplace conditions warrant use of a respirator.
HAND ROTECTION	Use gloves constructed of chemical resistant materials such as nitrile rubber if frequent or prolonged contact is expected. Protect exposed skin with a barrier cream or light mineral oil (usp). Wash and dry hands after use.
EYE PROTECTION	Safety glasses equipped with side shields are recommended as minimum protection in industrial settings. Where available an eye wash station is recommended immediately available to the work area.
BODY PROTECTION	Protect exposed skin with a barrier cream or light mineral oil (usp). Where available wear protective clothing such as disposable coveralls.
PROTECTION DURING APPLICATION	Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. DO NOT use gasoline, kerosene, solvents, or harsh abrasive skin cleaners to clean skin

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
ODOUR & APPEARANCE	Slight Aromatic, Dark Brown to Black Liquid
ODOR THRESHOLD (ppm)	Data not available
SPECIFIC GRAVITY	1.06
VAPOR DENSITY (AIR = 1)	Data not available
VAPOR PRESSURE 20 C	Negligible at ambient temperature
EVAPORATION RATE	Data not available
BOILING POINT (°C)	>100°C / >212°F
AUTOIGNITION TEMP (°C)	N/A
FREEZING POINT	<0ºC / <32ºF
pH	10.0 – 12.0
COEFFICIENT OF WATER/OIL DISTRUTION	Data Not Available
SOLUBULITY IN WATER	Miscible
VOC (g/l)	1
FLASH POINT (PMCC) (°C/F)	Not Applicable
UPPER FLAMMABLE LIMIT %VOL	Not Applicable
LOWER FLAMMABLE LIMIT %VOL	Not Flammable

10. STABILITY AND REACTIVITY

STABILITY	Stable at normal temperatures and pressures. Not normally reactive under recommended practices. Stable under normal conditions of use; however, incompatible with strong acids and strong oxidizers.
CONDITIONS TO AVOID	Strong oxidizing agents.
MATERIALS TO AVOID	Keep away from oxidizing agents and acidic products.
HAZARDOUS POLYMERIZATION	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS	In case of fire hazardous decomposition products may be produced such as: Carbon oxides, hydrogen sulfide and other sulfur-containing gases can evolve from this product particularly at elevated temperatures above 400 °C. No decomposition products in case of appropriate storage / handling / transport.

11. TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE	No data available.
EFFECTS OF CHRONIC EXPOSURE	Possible carcinogen
EXPOSURE LIMITS	0.5 mg (m^3 asphalt)
IRRITANCY	May cause irritation
SENSITATION	May cause sensitization
CARCINOGENICITY	Possible carcinogen
REPRODUCTIVE TOXICITY	No information
TERATOGENICITY	No information
MUTAGENICITY	May be mutagenic (fumes)

12. ECOLOGICAL INFORMATION

MOBILITY	No data available
PERISTENCE / DEGRADABILITY	This product is estimated to have a slow rate of biodegradation
BIO-ACCUMULATION	This product is not expected to bio accumulate through food chains in the environment
ECOTOXICITY	Spills into water ways may be harmful to organisms
RAINBOW TROUT	Test Leachate (mixing 1.2 kg aquarium aggregate with 3 cured coats of WiserShield 61) with 12 L of dilution water. 0% mortality & immobility, up to 96 hours.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL	Recover as much product as possible for reuse. Dispose within RCRA regulations C40CFR 260 to CFR271
CONTAINER DISPOSAL	Dispose of container in accordance with applicable local, regional, national, and/or international regulations. Container reinstate must be disposed of in compliance with applicable regulations.

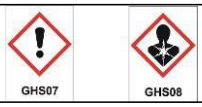
UNCLEANED PACKAGING: Recommen dation: Disposal must be made according to official regulations

14. TRANSPORTATION INFORMATION

HAZARD LABEL	Not regulated
EXPORT	
DOT CFR 172 101 DATA	
UN PROPER SHIPPING NAME	Not Regulated
UN CLASS	UN 3257
UN NUMBER	
UN PACKAGING GROUP	
FLASH POINT	Not Applicable
HAZARDOUS MATERIAL	Not Regulated
MARINE POLLUTANT	Do not allow product to enter waterways.
SPECIFIC PRECAUSTIONS FOR USER	Appropriate advice on safety should accompany the package.

15. REGULATORY INFORMATION

WHIMIS SYMBOL



WHIMIS CLASSIFICATION: Not regulated

CEPA STATUS (DSL): No information available

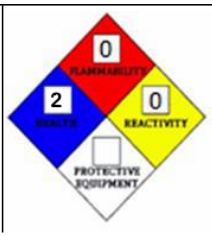
This product has been classified in accordance with the hazard criteria of Controlled Products Regulations (CPR) and the MSDS contains all the information required by CPR.

Canada:	All components are in compliance with the Canadian environmental protection act and are present on the domestic substances list. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.
USA:	*TSCA:* All components of this material are on the US TSCA inventory or are exempt. *OSHA:* This material does not contain any hazardous components under OSHA regulation (29CFR 1910.1200). *CERCLA*: This material does not contain any components with a section 304 EHS RQ. *SARA TITLE 111*: Sec 302, No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. *SARA TITLE 111*: Sec 313, This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. CA Prop 65: WARNING! This product contains a chemical known to the State of California to cause cancer. Asphalt (CAS-No.: 8052-42-4)

16. OTHER INFORMATION

HMIS hazard ID:

0-MINIMAL;
1-SLIGHT;
2-MODERATE;
3-SERIOUS;
4-SEVERE



NFPA hazard ID:

0-MINIMAL;
1-SLIGHT;
2-MODERATE;
3-SERIOUS;
4-SEVERE

KEY	NA: No applicable information found or available CAS#: Chemical Abstracts Service Number ACGIH: American Conference of Governmental Industrial Hygienists OSHA: Occupational Safety and Health Administration TLV: Threshold Limit Value PEL: Permissible Exposure 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%
PREPARED BY	CRC COATING TECHNOLOGIES INC. ™
SDS REVISION DATE	June 2021

Provided data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations.