ASHLAND.	Page: 1
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

29 CFR 1910.1200 (OSHA HazCom 2012)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Trade name

: Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye

Recommended use of the chemical and restrictions on use

Details of the supplier of the safety data	Emergency telephone number
sheet	1-800-ASHLAND (1-800-274-5263)
Ashland	
P.O. Box 2219	Regulatory Information Number
Columbus, OH 43216	1-800-325-3751
United States of America	
	Product Information
	614-790-3333
EHS Customer Requests@ashland.com	

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification	
Flammable aerosols	: Category 1
Acute toxicity (Oral)	: Category 4
Skin irritation	: Category 2
Serious eye damage	: Category 1
Reproductive toxicity	: Category 2
Specific target organ systemic toxicity - single exposure	: Category 3 (Central nervous system)
Specific target organ systemic toxicity - repeated exposure	: Category 2 (Auditory system)
Specific target organ systemic toxicity - repeated exposure (Inhalation)	: Category 2 (Neurologic: other (neuropsychological effects, auditory dysfunction and effects on colour vision))

GHS Label element

AFETY DATA SHEET		Revision Date: 05/22/2
		Print Date: 7/24/2 SDS Number: R0411
ar Brite™ KOLOR KOTE - FLAGS arpet & Vinyl Dye	STONE Aerosol	Version:
BO1G014-0035		
Hazard pictograms		
Signal Word	: Danger	
Hazard Statements	May cause damag prolonged or repea May cause damag (neuropsychologica	ed. on. e damage. ness or dizziness. aging fertility or the unborn child. e to organs (Auditory system) through
Precautionary Statements	Do not handle until understood. Keep away from he smoking. Do not spray on an Pressurized contain Do not breathe dus Wash skin thoroug Do not eat, drink on Use only outdoors Wear protective glo protection. Response: IF SWALLOWED: 0 if you feel unwell. F IF ON SKIN: Wash IF INHALED: Remo for breathing. Call a you feel unwell. IF IN EYES: Rinse Remove contact le rinsing. Immediated physician. IF exposed or conc If skin irritation occ Take off contamina Storage: Store in a well-vent Store locked up.	r smoke when using this product. or in a well-ventilated area. oves/ protective clothing/ eye protection/ face Call a POISON CENTER or doctor/ physician

ASHLAND.	Page: 3
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	: Mixture
Chemical nature	: Aspiration hazard
Chemical nature	: Static Accumulator
Chemical nature	: Defatter

Hazardous components

Chemical Name	CAS-No.	Classification	Concentration (%)
ACETONE	67-64-1	Flam. Liq. 2; H225	34.99
		Eye Irrit. 2A; H319	
		STOT SE 3; H336	
TOLUENE	108-88-3	Flam. Liq. 2; H225	19.99
		Skin Irrit. 2; H315	
		Eye Irrit. 2A; H319	
		Repr. 2; H361	
		STOT SE 3; H336	
		STOT RE 2; H373	
		Asp. Tox. 1; H304	
METHYL ETHYL KETONE	78-93-3	Flam. Liq. 2; H225	9.99
		Eye Irrit. 2A; H319	
		STOT SE 3; H336	

ASHLAND	Page: 4
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

BUTANOL NORMAL	71-36-3	Flam. Liq. 3; H226	4.99
		Acute Tox. 4; H302	
		Skin Irrit. 2; H315	
		Eye Dam. 1; H318	
		STOT SE 3; H335, H336	
XYLENE	1330-20-7	Flam. Liq. 3; H226	4.99
		Acute Tox. 4; H312	
		Skin Irrit. 2; H315	
		Eye Irrit. 2A; H319	
		STOT SE 3; H335, H336	
		Asp. Tox. 1; H304	
TALC	14807-96-6	This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).	4.99
LIMESTONE	1317-65-3		4.99
ETHYL BENZENE	100-41-4	Flam. Liq. 2; H225	2.49
		Acute Tox. 4; H332	
		Skin Irrit. 2; H315	
		Eye Irrit. 2A; H319	
		STOT RE 2; H373	
		Asp. Tox. 1; H304	

ASHLAND.	Page: 5
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

SECTION 4. FIRST AID MEASURES

General advice :	:	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled :	:	Move to fresh air. If unconscious place in recovery position and seek medical advice. Consult a physician after significant exposure.
In case of skin contact :	:	Remove contaminated clothing. If irritation develops, get medical attention. If on skin, rinse well with water. Wash contaminated clothing before re-use.
In case of eye contact :	:	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye.
If swallowed :	:	Obtain medical attention. Do NOT induce vomiting. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms : and effects, both acute and delayed	:	This material (or a component) has produced hyperglycemia and ketosis following substantial ingestion. Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material.
		Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: redness of the skin stomach or intestinal upset (nausea, vomiting, diarrhea) irritation (nose, throat, airways) Cough discomfort in the chest

ASHLAND	Page: 6
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

	temporary changes in mood and behavior effects on memory Blurred vision Shortness of breath confusion irregular heartbeat Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure.
Notes to physician	: No hazards which require special first aid measures.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray Foam Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during firefighting	:	Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	:	carbon dioxide and carbon monoxide Hydrocarbons toxic fumes Aldehydes calcium oxide
Specific extinguishing methods	:	
		Product is compatible with standard fire-fighting agents.
Further information	:	Fire residues and contaminated fire extinguishing water must

ASHLAND.	Page: 7
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

be disposed of in accordance with local regulations. Use a water spray to cool fully closed containers.

Special protective equipment : In the event of fire, wear self-contained breathing apparatus. for firefighters

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, : protective equipment and emergency procedures	Evacuate personnel to safe areas. Remove all sources of ignition. Use personal protective equipment. Ensure adequate ventilation. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
Environmental precautions :	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Other information :	Comply with all applicable federal, state, and local regulations. Suppress (knock down) gases/vapours/mists with a water spray jet.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling	 Open drum carefully as content may be under pressure. Provide sufficient air exchange and/or exhaust in work rooms. Do not breathe vapours/dust. Do not smoke. Container hazardous when empty. Take precautionary measures against static discharges. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage	 BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and

ASHLAND.	Page: 8
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

kept upright to prevent leakage. Observe label precautions. No smoking. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible	Basis
			concentration	
ACETONE	67-64-1	TWA	500 ppm	ACGIH
		STEL	750 ppm	ACGIH
		REL	250 ppm 590 mg/m3	NIOSH/GUID E
		PEL	1,000 ppm 2,400 mg/m3	OSHA_TRA NS
		TWA	250 ppm	ACGIHLIS_P
		STEL	500 ppm	ACGIHLIS_P
		TWA	750 ppm 1,800 mg/m3	Z1A
		STEL	1,000 ppm 2,400 mg/m3	Z1A
TOLUENE	108-88-3	TWA	20 ppm	ACGIH
		REL	100 ppm 375 mg/m3	NIOSH/GUID E
		STEL	150 ppm 560 mg/m3	NIOSH/GUID E
		TWA	200 ppm	OSHA/Z2
		Ceiling	300 ppm	OSHA/Z2
		MAX. CONC	500 ppm	OSHA/Z2
METHYL ETHYL KETONE	78-93-3	TWA	200 ppm	ACGIH
		STEL	300 ppm	ACGIH
		REL	200 ppm 590 mg/m3	NIOSH/GUID E
		STEL	300 ppm 885 mg/m3	NIOSH/GUID E
		PEL	200 ppm 590 mg/m3	OSHA_TRA NS
BUTANOL NORMAL	71-36-3	TWA	20 ppm	ACGIH
		Ceil_Time	50 ppm 150 mg/m3	NIOSH/GUID E
		PEL	100 ppm 300 mg/m3	OSHA_TRA NS
XYLENE	1330-20-7	TWA	100 ppm	ACGIH
		STEL	150 ppm	ACGIH

Components with workplace control parameters

ASHLAND.	Page: 9
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

1	1	1		
		PEL	100 ppm	OSHA_TRA
			435 mg/m3	NS
		REL	100 ppm	NIOSH/GUID
			435 mg/m3	E
		STEL	150 ppm	NIOSH/GUID
			655 mg/m3	E
TALC	14807-96-6	TWA	2 mg/m3	ACGIH
			Respirable	
			fraction.	
		REL	2 mg/m3	NIOSH/GUID
			Respirable.	E
		TWA	0.1 mg/m3	Z3
			Respirable.	
		TWA	0.3 mg/m3	Z3
			Total dust.	
LIMESTONE	1317-65-3	REL	10 mg/m3	NIOSH/GUID
			Total	E
		REL	5 mg/m3	NIOSH/GUID
			Respirable.	E
		PEL	5 mg/m3	OSHA_TRA
			Respirable	NS
			fraction.	
		PEL	15 mg/m3	OSHA_TRA
			Total dust.	NS
		TWA	15 mg/m3	Z1A
			Total dust.	
		TWA	5 mg/m3	Z1A
			Respirable	
			fraction.	
ETHYL BENZENE	100-41-4	TWA	20 ppm	ACGIH
		REL	100 ppm	NIOSH/GUID
			435 mg/m3	E
		STEL	125 ppm	NIOSH/GUID
			545 mg/m3	E
		PEL	100 ppm	OSHA TRA
			435 mg/m3	NS

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Samplin g time	Permissible concentratio n	Basis
ACETONE	67-64-1	acetone	Urine	Samplin g time: End of shift.	50 mg/l	
Remarks:	Nonspecific	Nonspecific				
TOLUENE	108-88-3	o-Cresol, with hydrolysis	Creatinine in urine	Samplin g time: End of shift.	0.3 mg/g	
Remarks:	Backgroun	d	•	•		•
		toluene	Urine	Samplin	0.03 mg/l	

ASHLAND.	Page: 10
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

				g time: End of shift.		
		toluene	Blood	Samplin g time: Prior to last shift of work week.	0.02 mg/l	
METHYL ETHYL KETONE	78-93-3	methylEthyl Ketone	Urine	Samplin g time: End of shift.	2 mg/l	ACGIH BEI
Remarks:	Nonspecific	;	•			
XYLENE	1330-20-7	Methylhippu ric acids	Creatinine in urine	Samplin g time: End of shift.	1.5 g/g	
ETHYL BENZENE	100-41-4	Sum of mandelic acid and phenylglyox ylic acid	Creatinine in urine	Samplin g time: End of shift.	0.15 g/g	ACGIH BEI
Remarks:	Nonspecific	;		•		-

Engineering measures

: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipment

Respiratory protection :	In the case of vapour formation use a respirator with an approved filter. In the case of dust or aerosol formation use respirator with an approved filter.
	A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air- purifying respirators is limited. Use a positive pressure, air- supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.
Hand protection Remarks :	The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Eye protection :	Wear chemical splash goggles and face shield when there is
	10/07

SAFETY DATA SHEETRevision Date: 05/22/2015Print Date: 7/24/2015Print Date: 7/24/2015SDS Number: R0411195	ASHLA	ND.	Page: 11	
SDS Number: R0411195 Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye CB01G014-0035 potential for exposure of the eyes or face to liquid, vapor or mist. Maintain eye wash station in immediate work area. Skin and body protection : Wear as appropriate: impervious clothing Safety shoes Flame-resistant clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place. Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves (consult your safety equipment			Revision Date: 05/22/2015	
Car Brite ™ KOLOR KOTE - FLAGSTONE Aerosol Version: 1.0 Carpet & Vinyl Dye potential for exposure of the eyes or face to liquid, vapor or mist. Maintain eye wash station in immediate work area. Near as appropriate: impervious clothing Safety shoes Flame-resistant clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place. Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves (consult your safety equipment			Print Date: 7/24/2015	
Carpet & Vinyl Dye CBO1G014-0035 potential for exposure of the eyes or face to liquid, vapor or mist. Maintain eye wash station in immediate work area. Skin and body protection Wear as appropriate: impervious clothing Safety shoes Flame-resistant clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place. Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves (consult your safety equipment			SDS Number: R0411195	
potential for exposure of the eyes or face to liquid, vapor or mist. Maintain eye wash station in immediate work area. Skin and body protection : Wear as appropriate: impervious clothing Safety shoes Flame-resistant clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place. Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves (consult your safety equipment			Version: 1.0	
potential for exposure of the eyes or face to liquid, vapor or mist. Maintain eye wash station in immediate work area. Skin and body protection : Wear as appropriate: impervious clothing Safety shoes Flame-resistant clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place. Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves (consult your safety equipment	CBO1G014-0035			
SUDDIIAN	Skin and body protection	: Wear as appro impervious clo Safety shoes Flame-resistan Choose body concentration Discard gloves Wear resistan	 Wear as appropriate: impervious clothing Safety shoes Flame-resistant clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place. Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves (consult your safety equipment 	

When using do not eat or drink. When using do not smoke.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: aerosol
Colour	: coloured
Odour	: hydrocarbon-like
Odour Threshold	: No data available
рН	: No data available
	: No data available
	: No data available
Flash point	: -155 °F / -104 °C Value for Component
Evaporation rate	: > 1 n-Butyl Acetate
Flammability (solid, gas)	:
	No data available
Flammability (liquids)	: Static Accumulating liquid
Flammability (liquids)	: Static Accumulating liquid
Flammability (liquids) Upper explosion limit	: : 12.8 %(V)

ASHLAND	Page: 12
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

Lower explosion limit	: 1.0 %(V)
Vapour pressure	: 85.0000 mmHg (60.00 °F)
Relative vapour density	: > 1(Air = 1.0)
Relative density	: No data available
Density	: <1 g/cm3 (15.5 °C)
Solubility(ies) Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient: n- octanol/water	: No data available
Thermal decomposition	: No data available
Viscosity Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Oxidizing properties	: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: Vapours may form explosive mixture with air.
Conditions to avoid	: Heat, flames and sparks.
	excessive heat
Incompatible materials	: Acids Alkali metals alkalis ammonium salts aluminum aluminum salts Amines Ammonia Copper

ASHLAND.	Page: 13
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

Copper alloys Fluorine halogens Lead peroxides Reducing agents strong alkalis Strong oxidizing agents

Hazardous decomposition products

calcium oxide carbon dioxide and carbon monoxide Hydrocarbons toxic fumes

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation Skin contact Eye Contact Ingestion
Acute toxicity Harmful if swallowed. Product:		L D50 : 626 mg/kg
Acute oral toxicity	•	LD50 : 636 mg/kg
Acute inhalation toxicity	:	LC50 : 23500 ppm
Components: ACETONE:		
Acute oral toxicity	:	LD 50 (Rat, female): 5,800 mg/kg
Acute inhalation toxicity	:	LC 50 (Rat, female): 76 mg/l Exposure time: 4 h
Acute dermal toxicity	:	LD 50 (Rabbit): > 7,426 mg/kg
TOLUENE:		
Acute oral toxicity	:	LD 50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity	:	LC 50 (Rat): 8000 ppm Exposure time: 4 h
Acute dermal toxicity	:	LD 50 (Rabbit): 12,124 mg/kg
METHYL ETHYL KETONE: Acute oral toxicity	:	LD 50 (Rat): 2,300 - 3,500 mg/kg
Acute dermal toxicity	:	LD 50 (Rabbit): > 5 g/kg

ASHLAND	Page: 14
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite [™] KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

BUTANOL NORMAL: Acute oral toxicity	:	LD 50 (Rat): 790 mg/kg
Acute inhalation toxicity	:	LC 50 (Rat): > 24 mg/l Exposure time: 4 h Assessment: No adverse effect has been observed in acute inhalation toxicity tests.
Acute dermal toxicity	:	LD 50 (Rabbit): 3,400 mg/kg
XYLENE: Acute oral toxicity	:	LD 50 (Rat): 3,523 - 8,600 mg/kg
Acute inhalation toxicity	:	LC 50 (Rat): 6700 ppm Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	:	LD 50 (Rabbit): 1,700 mg/kg
LIMESTONE: Acute oral toxicity	:	LD 50 (Rat): 6,450 mg/kg
ETHYL BENZENE: Acute oral toxicity	:	LD 50 (Rat): ca. 3,500 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): 4000 ppm Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	:	LD 50 (Rabbit): 17,800 mg/kg
Skin corrosion/irritation Causes skin irritation.		

Product: Remarks: May cause skin irritation and/or dermatitis.

Result: Repeated exposure may cause skin dryness or cracking.

Components:

ACETONE: Result: Mildly irritating to skin

Result: Repeated exposure may cause skin dryness or cracking.

TOLUENE: Result: Irritating to skin

METHYL ETHYL KETONE: Result: Not irritating to skin

BUTANOL NORMAL: Result: Irritating to skin

ASHLAND.	Page: 15
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

XYLENE: Result: Irritating to skin

TALC: Result: Possibly irritating to skin

LIMESTONE: Result: Possibly irritating to skin

ETHYL BENZENE: Result: Irritating to skin

Serious eye damage/eye irritation

Causes serious eye damage. <u>Product:</u> Remarks: May cause irreversible eye damage.

<u>Components:</u> ACETONE:

Result: Irritating to eyes

TOLUENE: Result: Irritating to eyes

METHYL ETHYL KETONE: Result: Irritating to eyes

BUTANOL NORMAL: Result: Corrosive to eyes

XYLENE: Result: Irritating to eyes

TALC: Result: Possibly irritating to eyes

LIMESTONE: Result: Possibly irritating to eyes

ETHYL BENZENE: Result: Irritating to eyes Remarks: Exposure to a concentration of 5000 ppm causes intolerable irritation of the eyes

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information. Respiratory sensitisation: Not classified based on available information. **Germ cell mutagenicity** Not classified based on available information. **Carcinogenicity** Not classified based on available information. **Reproductive toxicity** Suspected of damaging fertility or the unborn child.

ASHLAND	Page: 16
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

Components:

TOLUENE: Reproductive toxicity -Assessment

: Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments.

STOT - single exposure May cause drowsiness or dizziness.

Components:

ACETONE: Exposure routes: Inhalation Target Organs: Nervous system Assessment: May cause drowsiness or dizziness.

TOLUENE: Exposure routes: Inhalation

Target Organs: Central nervous system Assessment: May cause drowsiness or dizziness.

METHYL ETHYL KETONE: Assessment: May cause drowsiness or dizziness.

BUTANOL NORMAL: Target Organs: Respiratory system Assessment: May cause respiratory irritation.

Target Organs: Central nervous system Assessment: May cause drowsiness or dizziness.

XYLENE: Assessment: May cause respiratory irritation., May cause drowsiness or dizziness.

STOT - repeated exposure

May cause damage to organs (Auditory system) through prolonged or repeated exposure. May cause damage to organs (Neurologic: other (neuropsychological effects, auditory dysfunction and effects on colour vision)) through prolonged or repeated exposure if inhaled. <u>Components:</u> TOLUENE:

Exposure routes: Inhalation Target Organs: Neurologic: other (neuropsychological effects, auditory dysfunction and effects on colour vision) Assessment: May cause damage to organs through prolonged or repeated exposure.

ETHYL BENZENE: Target Organs: Auditory system Assessment: May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity

Not classified based on available information. **Product:** No aspiration toxicity classification

Components: ACETONE:

ASHLAND.	Page: 17
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

May be harmful if swallowed and enters airways.

TOLUENE: May be fatal if swallowed and enters airways.

METHYL ETHYL KETONE: May be harmful if swallowed and enters airways.

XYLENE: May be fatal if swallowed and enters airways.

ETHYL BENZENE: May be fatal if swallowed and enters airways.

Further information

Product:

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

Components:

METHYL ETHYL KETONE: Remarks: Central nervous system

ETHYL BENZENE: Remarks: Central nervous system

Group 2B: Possibly carcinogenic to humans			
TALC	14807-96-6		
ETHYL BENZENE	100-41-4		
No component of this product pre equal to 0.1% is identified as a ca carcinogen by OSHA.			
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinoge by NTP.			
	TALC ETHYL BENZENE No component of this product pre equal to 0.1% is identified as a c carcinogen by OSHA. No component of this product pre equal to 0.1% is identified as a k		

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

ACETONE: Toxicity to fish

: LC 50 (Rainbow trout, donaldson trout (Oncorhynchus mykiss)): 4,740 - 6,330 mg/l

ASHLAND.	Page: 18
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

	Exposure time: 96 h Test Type: static test
	LC 50 (Fathead minnow (Pimephales promelas)): 8,733 - 9,482 mg/l Exposure time: 96 h Test Type: flow-through test
Toxicity to algae	 NOEC (Microcystis aeruginosa): 530 mg/l Exposure time: 8 d Test Type: static test
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	 NOEC (Daphnia magna (Water flea)): 2,112 mg/l Exposure time: 28 d Test Type: flow-through test
TOLUENE: Toxicity to fish	: LC50 (Oncorhynchus kisutch (coho salmon)): 5.5 mg/l Exposure time: 96 h Test Type: flow-through test
Toxicity to daphnia and other aquatic invertebrates	 EC50 (Water flea (Ceriodaphnia dubia)): 3.78 mg/l Exposure time: 48 h Remarks: Mortality
Toxicity to algae	 EC50 (Pseudokirchneriella subcapitata (microalgae)): > 433 mg/l End point: Growth inhibition Exposure time: 96 h
	NOEC (Scenedesmus quadricauda (Green algae)): > 400 mg/l End point: Growth inhibition Exposure time: 7 d
Toxicity to fish (Chronic toxicity)	 NOEC (Oncorhynchus mykiss (rainbow trout)): 1.39 mg/l Exposure time: 40 d Test Type: flow-through test
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC (Water flea (Ceriodaphnia dubia)): 0.74 mg/l Exposure time: 7 d
METHYL ETHYL KETONE: Toxicity to fish	 LC 50 (Fathead minnow (Pimephales promelas)): 3,130 - 3,320 mg/l Exposure time: 96 h Test Type: flow-through test
Toxicity to daphnia and other aquatic invertebrates	 EC 50 (Water flea (Daphnia magna)): 4,025 - 6,440 mg/l Exposure time: 48 h Test Type: static test

ASHLAND.	Page: 19
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite [™] KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

Remarks: Intoxication

BUTANOL NORMAL: Toxicity to fish	 LC 50 (Bluegill (Lepomis macrochirus)): > 100 - 500 mg/l Exposure time: 96 h Test Type: static test Method: Static Remarks: Mortality
Toxicity to daphnia and other aquatic invertebrates	 EC 50 (Water flea (Daphnia magna)): 1,897 - 2,072 mg/l Exposure time: 48 h Test Type: static test Method: Static Remarks: Intoxication
XYLENE:	
Toxicity to fish	 LC 50 (Fathead minnow (Pimephales promelas)): 23.53 - 29.97 mg/l Exposure time: 96 h Test Type: static test
Toxicity to daphnia and other aquatic invertebrates	 LC 50 (Water flea (Daphnia magna)): > 100 - < 1,000 mg/l Exposure time: 24 h Test Type: static test
ETHYL BENZENE:	
Toxicity to fish	 LC 50 (Fathead minnow (Pimephales promelas)): 9.1 - 15.6 mg/l Exposure time: 96 h Test Type: static test
	LC 50 (Rainbow trout,donaldson trout (Oncorhynchus mykiss)): 4.2 mg/l Exposure time: 96 h Test Type: Renewal
Toxicity to daphnia and other aquatic invertebrates	: EC 50 (Water flea (Daphnia magna)): 1.37 - 4.4 mg/l Exposure time: 48 h Test Type: static test
Toxicity to algae	 (Pseudokirchneriella subcapitata (green algae)): 3.6 mg/l End point: EC 50 Exposure time: 96 h Test Type: Growth inhibition
Persistence and degradability	У
Components:	
ACETONE:	
Biodegradability	: Result: Readily biodegradable Biodegradation: 90.9 % Exposure time: 28 d

ASHLAND	Page: 20
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

		Method: OECD Test Guideline 301B
TOLUENE: Biodegradability	:	Result: Readily biodegradable
BUTANOL NORMAL: Biodegradability	:	Result: Readily biodegradable Biodegradation: 98 % Exposure time: 19 d Method: OECD Test Guideline 301E
Biochemical Oxygen Demand (BOD)	:	Theoretical oxygen demand 2.59 mg/g
Chemical Oxygen Demand (COD)	:	2.45 mg/g Method: Chemical oxygen demand
XYLENE: Physico-chemical removability	:	Remarks: The product evaporates readily.
ETHYL BENZENE: Biodegradability	:	Result: Readily biodegradable Biodegradation: 70 - 80 % Exposure time: 28 d
Bioaccumulative potential		
Components: ACETONE: Partition coefficient: n- octanol/water	:	log Pow: -0.24

octanol/water TOLUENE: : Species: Ide, silver or golden orfe (Leuciscus idus) Bioaccumulation Bioconcentration factor (BCF): 94 Exposure time: 3 d Concentration: 0.05 mg/l Method: Not reported Partition coefficient: n-: log Pow: 2.73 octanol/water METHYL ETHYL KETONE: Partition coefficient: n-: log Pow: 0.29 octanol/water **BUTANOL NORMAL:**

Bioaccumulation	:	Species: Oncorhynchus mykiss (rainbow trout) Bioconcentration factor (BCF): 0.38 Exposure time: 24 h
		Exposure time. 24 fr

ASHLA	ND.	Page: 21
SAFETY DATA SHEET		Revision Date: 05/22/2015
		Print Date: 7/24/2015
		SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLA Carpet & Vinyl Dye	GSTONE Aerosol	Version: 1.0
CBO1G014-0035		
	Concentration Method: Static	
Partition coefficient: n- octanol/water	: log Pow: 0.88	
XYLENE: Partition coefficient: n- octanol/water	: log Pow: 3.16	
ETHYL BENZENE: Partition coefficient: n- octanol/water	: log Pow: 3.15	
Mobility in soil		
Components: No data available		
Other adverse effects		
No data available		
Product: Additional ecological information		ntal hazard cannot be excluded in the event of I handling or disposal., Harmful to aquatic life.
Components:		

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
General advice	 The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. Dispose of in accordance with all applicable local, state and federal regulations.
Contaminated packaging	 Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

International transport regulations REGULATION

ASHLAND	Page: 22
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

ID NUMBER PROPER SHIPPING	S NAME *HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
---------------------------	-------------------------	-----------------------	------------------	------------------------------------

U.S. DOT - ROAD

ORM-D, CONSUMER	ORM	
COMMODITY		

U.S. DOT - RAIL

ORM-D, CONSUMER COMMODITY	ORM	

U.S. DOT - INLAND WATERWAYS

ORM-D, CONSUMER	ORM	
COMMODITY		

TRANSPORT CANADA - ROAD

UN	1950	AEROSOLS	2.1	LIMITED
				QUANTITY

TRANSPORT CANADA - RAIL

UN	1950	AEROSOLS	2.1	LIMITED
				QUANTITY

TRANSPORT CANADA - INLAND WATERWAYS

-			-	
UN	1950	AEROSOLS	2.1	LIMITED
				QUANTITY

INTERNATIONAL MARITIME DANGEROUS GOODS

UN	1950	AEROSOLS	2.1	LIMITED
				QUANTITY

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

UN	1950	Aerosols, flammable	2.1	

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

UN	1950	Aerosols, flammable	2.1

MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

UN 1950 AEROSOLES 2	WASTE	3		
	UN	1950	AEROSOLES	2

ASHLAND.	Page: 23
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

Marine pollutant	no

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity				
Components		CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
XYLENE		1330-20-7	100	2000.040001
SARA 311/312 Hazards : Fire Hazard Acute Health Hazard Chronic Health Hazard				
SARA 313 Cor	nponent(s)			
		TOLUENE	108-88-3	19.99 %
		BUTANOL NORMA	L 71-36-3	4.99 %
		XYLENE	1330-20-	7 4.99 %
		ETHYL BENZENE	100-41-4	2.49 %
Pennsylvania	Right To Know CONTENTS PAF	RTIALLY UNKNOWN	I Not Assig	gned 30.00 - 50.00 %
	ACETONE		67-64-1	30.00 - 50.00 %
	LIQUIFIED PETF SWEETENED	ROLEUM GASES,	68476-86	6-8 20.00 - 30.00 %
	TOLUENE		108-88-3	10.00 - 20.00 %
	METHYL ETHYL	. KETONE	78-93-3	5.00 - 10.00 %
	BUTANOL NOR	MAL	71-36-3	1.00 - 5.00 %
	XYLENE		1330-20-	7 1.00 - 5.00 %
	TALC		14807-96	6-6 1.00 - 5.00 %

ASHLAND.	Page: 24
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

	LIMESTONE		1317-65-3	1.00 - 5.00 %
	ETHYL BENZENE		100-41-4	1.00 - 5.00 %
New Jersey Ri	ersey Right To Know CONTENTS PARTIALLY UNKNOWN		Not Assigned	30.00 - 50.00 %
	ACETONE		67-64-1	30.00 - 50.00 %
	LIQUIFIED PET SWEETENED	ROLEUM GASES,	68476-86-8	20.00 - 30.00 %
	TOLUENE		108-88-3	10.00 - 20.00 %
	METHYL ETHYL KETONE		78-93-3	5.00 - 10.00 %
	BUTANOL NORMAL		71-36-3	1.00 - 5.00 %
	XYLENE		1330-20-7	1.00 - 5.00 %
	TALC		14807-96-6	1.00 - 5.00 %
	LIMESTONE		1317-65-3	1.00 - 5.00 %
	ETHYL BENZENE		100-41-4	1.00 - 5.00 %
California Pro	p 65	WARNING! This product constants of California to cause ETHYL BENZENE		I known to the
		WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.		
		TOLUENE	108-88-3	
The components of this product are reported in the following inventories:TSCA: On the inventory, or in compliance with the inventory				

DSL	: This product contains one or several components that are not on the Canadian DSL and have annual quantity limits.
AUSTR	: Not in compliance with the inventory
ENCS	: Not in compliance with the inventory
KECL	: Not in compliance with the inventory
PICCS	: Not in compliance with the inventory
IECSC	: Not in compliance with the inventory

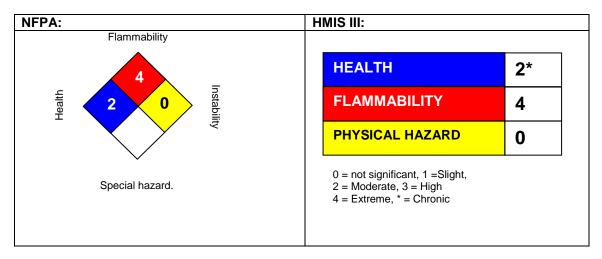
ASHLAND.	Page: 25
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIOC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION





NFPA Flammable and Combustible Liquids Classification

Not applicable

Full text of H-Statements referred to under sections 2 and 3.

H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.

Sources of key data used to compile the Safety Data Sheet Ashland internal data including own and sponsored test reports The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

ASHLAND.	Page: 26
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

ACGIH : American Conference of Industrial Hygienists

BEI : Biological Exposure Index

CAS : Chemical Abstracts Service (Division of the American Chemical Society).

CMR : Carcinogenic, Mutagenic or Toxic for Reproduction

FG : Food grade

GHS : Globally Harmonized System of Classification and Labeling of Chemicals.

H-statement : Hazard Statement

IATA : International Air Transport Association.

IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO : International Civil Aviation Organization

ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization"

IMDG : International Maritime Code for Dangerous Goods

ISO : International Organization for Standardization

logPow : octanol-water partition coefficient

LCxx : Lethal Concentration, for xx percent of test population

LDxx : Lethal Dose, for xx percent of test population.

ICxx : Inhibitory Concentration for xx of a substance

Ecxx : Effective Concentration of xx

N.O.S.: Not Otherwise Specified

OECD : Organization for Economic Co-operation and Development

OEL : Occupational Exposure Limit

P-Statement : Precautionary Statement

PBT : Persistent , Bioaccumulative and Toxic

PPE : Personal Protective Equipment

STEL : Short-term exposure limit

STOT : Specific Target Organ Toxicity

TLV : Threshold Limit Value

TWA : Time-weighted average

vPvB : Very Persistent and Very Bioaccumulative

WEL : Workplace Exposure Level

CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act DOT : Department of Transportation FIFRA : Federal Insecticide, Fungicide, and Rodenticide Act

HMIRC : Hazardous Materials Information Review Commission

HMIS : Hazardous Materials Identification System

NFPA : National Fire Protection Association

NIOSH : National Institute for Occupational Safety and Health

OSHA : Occupational Safety and Health Administration

PMRA : Health Canada Pest Management Regulatory Agency

RTK : Right to Know

WHMIS : Workplace Hazardous Materials Information System

ASHLAND	Page: 27
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 7/24/2015
	SDS Number: R0411195
Car Brite™ KOLOR KOTE - FLAGSTONE Aerosol Carpet & Vinyl Dye	Version: 1.0
CBO1G014-0035	