Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

1 Identification

· **Product identifier**

· **Trade name:** DuraCoat® - All Colors
DuraCoat® SL - All Colors

· **Article number:** No other identifiers

· **Recommended use and restriction on use**
· **Recommended use:** Protective coating
· **Restrictions on use:** No further relevant information available.

· **Details of the supplier of the Safety Data Sheet**
· **Manufacturer/Supplier:**
LCW Manufacturing
3601 129th St.
Chippewa Falls, WI 54729
800-830-6677

PRODUCT SUPPLIED IN AUSTRALIA BY
CASWELL AUSTRALIA P/L
25 BIRCH COURT
WYNDHAM VALE 3024
VICTORIA

PHONE 03 9741 7103
EMERGENCY NUMBER **000**

· **Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazard(s) identification

· **Classification of the substance or mixture**

GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.

GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.
Repr. 2 H361 Suspected of damaging fertility or the unborn child. Route of exposure: Inhalative.
STOT RE 2 H373 May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalative.

GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

· **Additional information:**
Repeated exposure may cause skin dryness or cracking.
There are no other hazards not otherwise classified that have been identified.
0 percent of the mixture consists of ingredient(s) of unknown toxicity.

· **Label elements**
· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).

(Contd. on page 2)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 1)

· **Hazard pictograms**

GHS02 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**
titanium dioxide
toluene
n-butyl acetate
Talc (Mg3H2(SiO3)4)

· **Hazard statements**
The following statements are optional for OSHA GHS labeling: H351. Notification is still required on the SDS.
H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H361 Suspected of damaging fertility or the unborn child. Route of exposure: Inhalative.
H336 May cause drowsiness or dizziness.
H373 May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalative.

· **Precautionary statements**

P210	Keep away from heat, sparks, open flames, and hot surfaces. - No smoking.
P260	Do not breathe vapors.
P280	Wear protective gloves/protective clothing/eye protection.
P233	Keep container tightly closed.
P264	Wash thoroughly after handling.
P202	Do not handle until all safety precautions have been read and understood.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+P378	In case of fire: Use foam, powder, or carbon dioxide for extinction.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Hazard description:**
· **WHMIS-symbols:**
B2 - Flammable liquid

(Contd. on page 3)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 2)

D2A - Very toxic material causing other toxic effects

· **Classification system:**
· **NFPA ratings (scale 0 - 4)**

Health = 3
Fire = 3
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

Health = *3
Fire = 3
Reactivity = 0

* - Indicates a long term health hazard from repeated or prolonged exposures.
· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**
· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

123-86-4	n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	20-40%
78-93-3	butanone Flam. Liq. 2, H225 Eye Irrit. 2A, H319; STOT SE 3, H336	10-20%
108-94-1	cyclohexanone Flam. Liq. 3, H226 Acute Tox. 4, H332	10-20%
108-21-4	isopropyl acetate Flam. Liq. 2, H225 Eye Irrit. 2A, H319; STOT SE 3, H336	10-20%

(Contd. on page 4)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 3)

108-88-3	toluene Flam. Liq. 2, H225 Repr. 2, H361; STOT RE 2, H373; Asp. Tox. 1, H304 Skin Irrit. 2, H315; STOT SE 3, H336 Eye Irrit. 2B, H320	5-10%
1330-20-7	xylene Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	5-10%

· **Dangerous Components (Alternative Classifications):**

13463-67-7	titanium dioxide	Carc. 2, H351	10-20%
14807-96-6	Talc (Mg3H2(SiO3)4)	Carc. 2, H351	5-10%

· **Additional information:**
Non-classification as a carcinogen is based on non-inhalable form of product. IARC listings for Titanium Dioxide, Talc note that substance must be respirable.
For the listed ingredients, the identity and exact percentages are being withheld as a trade secret.

4 First-aid measures

· **Description of first aid measures**
· **General information:**
Take affected persons out into the fresh air.
Immediately remove any clothing soiled by the product.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
· **After inhalation:**
Supply fresh air; consult doctor in case of complaints.
Provide oxygen treatment if affected person has difficulty breathing.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
Launder contaminated clothing before re-use.
· **After eye contact:**
Protect unharmed eye.
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; immediately call for medical help.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed**
Headache
Breathing difficulty
Dizziness
Coughing
Shivering fit

(Contd. on page 5)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 4)

Nausea in case of ingestion.
Gastric or intestinal disorders when ingested.
Irritant to skin and mucous membranes.
Irritant to eyes.
Disorientation
Unconsciousness
· **Danger**
Danger of impaired breathing.
Vapors have narcotic effect.
Danger of circulatory collapse.
Danger of pulmonary edema.
Danger of pneumonia.
Danger of disturbed cardiac rhythm.
Danger of convulsion.
May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalative.
May cause drowsiness or dizziness.
Suspected of damaging fertility or the unborn child. Route of exposure: Inhalative.
Suspected of causing cancer.
· **Indication of any immediate medical attention and special treatment needed**
If swallowed, gastric irrigation with added, activated carbon.
Medical supervision for at least 48 hours.
Later observation for pneumonia and pulmonary edema.
If necessary oxygen respiration treatment.

5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
Foam
Carbon dioxide
Fire-extinguishing powder
Gaseous extinguishing agents
· **For safety reasons unsuitable extinguishing agents:** Water
· **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
· **Advice for firefighters**
· **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
· **Additional information**
Eliminate all ignition sources if safe to do so.
Use large quantities of foam as it is partially destroyed by the product.
Cool endangered receptacles with water fog.

(Contd. on page 6)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 5)

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**
Use respiratory protective device against the effects of fumes/dust/aerosol.
Ensure adequate ventilation.
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
Protect from heat.
· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose contaminated material as waste according to item 13.
Send for recovery or disposal in suitable receptacles.
· **Reference 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:**
· **Precautions for safe handling**
Use only in well ventilated areas.
Prevent formation of aerosols.
Avoid splashes or spray in enclosed areas.
· **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Emergency cooling must be available in case of nearby fire.
Flammable gas-air mixtures may be formed in empty receptacles.
Fumes can combine with air to form an explosive mixture.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Provide ventilation for receptacles.
Avoid storage near extreme heat, ignition sources or open flame.
· **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
· **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Keep receptacle tightly sealed.
· **Specific end use(s)** No further relevant information available.

(Contd. on page 7)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 6)

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**	
123-86-4 n-butyl acetate	
PEL (USA)	Long-term value: 710 mg/m³, 150 ppm
REL (USA)	Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm
TLV (USA)	Short-term value: 950 mg/m³, 200 ppm Long-term value: 713 mg/m³, 150 ppm
EL (Canada)	Long-term value: 20 ppm
EV (Canada)	Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm
LMPE (Mexico)	Short-term value: 200 ppm Long-term value: 150 ppm
78-93-3 butanone	
PEL (USA)	Long-term value: 590 mg/m³, 200 ppm
REL (USA)	Short-term value: 885 mg/m³, 300 ppm Long-term value: 590 mg/m³, 200 ppm
TLV (USA)	Short-term value: 885 mg/m³, 300 ppm Long-term value: 590 mg/m³, 200 ppm BEI
EL (Canada)	Short-term value: 100 ppm Long-term value: 50 ppm
EV (Canada)	Short-term value: 885 mg/m³, 300 ppm Long-term value: 590 mg/m³, 200 ppm
LMPE (Mexico)	Short-term value: 300 ppm Long-term value: 200 ppm IBE
13463-67-7 titanium dioxide	
PEL (USA)	Long-term value: 15* mg/m³ *total dust
REL (USA)	See Pocket Guide App. A
TLV (USA)	Long-term value: 10 mg/m³ withdrawn from NIC
EL (Canada)	Long-term value: 10* 3** mg/m³ *total dust;**respirable fraction; IARC 2B
EV (Canada)	Long-term value: 10 mg/m³ total dust
LMPE (Mexico)	Long-term value: 10 mg/m³ A4

(Contd. on page 8)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 7)

108-94-1 cyclohexanone	
PEL (USA)	Long-term value: 200 mg/m³, 50 ppm
REL (USA)	Long-term value: 100 mg/m³, 25 ppm Skin
TLV (USA)	Long-term value: 50 mg/m³, 20 ppm Skin
EL (Canada)	Short-term value: 50 ppm Long-term value: 20 ppm Skin
EV (Canada)	Short-term value: 50 ppm Long-term value: 20 ppm Skin
LMPE (Mexico)	Short-term value: 50 ppm Long-term value: 20 ppm A3, PIEL
108-21-4 isopropyl acetate	
PEL (USA)	Long-term value: 950 mg/m³, 250 ppm
TLV (USA)	Short-term value: 836 mg/m³, 200 ppm Long-term value: 418 mg/m³, 100 ppm
EL (Canada)	Short-term value: 200 ppm Long-term value: 100 ppm
EV (Canada)	Short-term value: 200 ppm Long-term value: 100 ppm
LMPE (Mexico)	Short-term value: 200 ppm Long-term value: 100 ppm
108-88-3 toluene	
PEL (USA)	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift
REL (USA)	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm
TLV (USA)	Long-term value: 75 mg/m³, 20 ppm BEI
EL (Canada)	Long-term value: 20 ppm R
EV (Canada)	Long-term value: 20 ppm
LMPE (Mexico)	Long-term value: 20 ppm A4, IBE
1330-20-7 xylene	
PEL (USA)	Long-term value: 435 mg/m³, 100 ppm

(Contd. on page 9)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 8)

REL (USA)	Short-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm
TLV (USA)	Short-term value: 651 mg/m³, 150 ppm Long-term value: 434 mg/m³, 100 ppm BEI
EL (Canada)	Short-term value: 150 ppm Long-term value: 100 ppm
EV (Canada)	Short-term value: 650 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm
LMPE (Mexico)	Short-term value: 150 ppm Long-term value: 100 ppm A4, IBE
carbon black	
PEL (USA)	Long-term value: 3.5 mg/m³
REL (USA)	Long-term value: 3.5* mg/m³ *0.1 in presence of PAHs;See Pocket Guide Apps.A+C
TLV (USA)	Long-term value: 3* mg/m³ *inhalable fraction
EL (Canada)	Long-term value: 3 mg/m³ IARC 2B
EV (Canada)	Long-term value: 3.5 mg/m³
LMPE (Mexico)	Long-term value: 3* mg/m³ A3, *fracción inhalable
100-41-4 ethylbenzene	
PEL (USA)	Long-term value: 435 mg/m³, 100 ppm
REL (USA)	Short-term value: 545 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm
TLV (USA)	Long-term value: 87 mg/m³, 20 ppm BEI
EL (Canada)	Long-term value: 20 ppm IARC 2B
EV (Canada)	Short-term value: 540 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm
LMPE (Mexico)	Long-term value: 20 ppm

· **Ingredients with biological limit values:**

78-93-3 butanone	
BEI (USA)	2 mg/L Medium: urine Time: end of shift Parameter: MEK

(Contd. on page 10)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 9)

108-94-1 cyclohexanone	
BEI (USA)	80 mg/L Medium: urine Time: end of shift at end of workweek Parameter: 1.2-Cyclohexanediol with hydrolysis (nonspecific, semi-quantitative) 8 mg/L Medium: urine Time: end of shift Parameter: Cyclohexanol with hydrolysis (nonspecific, semi-quantitative)
108-88-3 toluene	
BEI (USA)	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene 0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)
1330-20-7 xylene	
BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
100-41-4 ethylbenzene	
BEI (USA)	0.7 g/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative) - Medium: end-exhaled air Time: not critical Parameter: Ethyl benzene (semi-quantitative)

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.

(Contd. on page 11)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 10)

Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.

· **Engineering controls:** Keep container tightly closed.
· **Breathing equipment:**
Use suitable respiratory protective device when aerosol or mist is formed.
Use suitable respiratory protective device when high concentrations are present.
NIOSH or EN approved organic vapor respirator equipped with a dust/mist prefilter should be used.
· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye protection:**

Safety glasses

· **Body protection:** Protective work clothing
· **Limitation and supervision of exposure into the environment** Avoid release to the environment.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**
· **General Information**
· **Appearance:**

Form:	Liquid
Color:	Various colors
· **Odor:**	Solvent-like
· **Odor threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	78-160 °C (172-320 °F)

(Contd. on page 12)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 11)

· **Flash point:**	5 °C (41 °F) (PMCC)
· **Flammability (solid, gaseous):**	Not applicable.
· **Auto-ignition temperature:**	Not determined.
· **Decomposition temperature:**	Not determined.
· **Auto igniting:**	Product is not self-igniting.
· **Danger of explosion:**	Product is not explosive. However, formation of explosive air/ vapor mixtures are possible.
· **Explosion limits:**	
Lower:	1.0 Vol %
Upper:	10.0 Vol %
· **Vapor pressure:**	Not determined.
· **Density at 20 °C (68 °F):**	1.02-1.31 g/cm³ (8.512-10.932 lbs/gal)
· **Relative density**	Not determined.
· **Vapour density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with**	
Water:	Not miscible or difficult to mix.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic:	Not determined.
· **Other information**	No further relevant information available.

10 Stability and reactivity

· **Reactivity**
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
Keep away from heat, sparks, open flames, and hot surfaces. - No smoking.
· **Possibility of hazardous reactions**
Highly flammable liquid and vapor.
Reacts violently with oxidizing agents.
Reacts with acids.
Used empty containers may contain product gases which form explosive mixtures with air.
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.
Toxic fumes may be released if heated above the decomposition point.
· **Conditions to avoid**
Keep ignition sources away - Do not smoke.
Store away from oxidizing agents.
· **Incompatible materials:** Oxidizing agents

(Contd. on page 13)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 12)

· **Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Toxic metal oxide smoke
Formaldehyde
Danger of toxic pyrolysis products.

11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**		
108-88-3 toluene		
Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	12124 mg/kg (rabbit)
Inhalative	LC50/4h	5320 mg/l (mouse)
1330-20-7 xylene		
Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

· **Primary irritant effect:**
· **on the skin:** Irritant to skin and mucous membranes.
· **on the eye:** Irritating effect.
· **Sensitization:** No sensitizing effects known.
· **Additional toxicological information:**
Irritant
Inhalation of concentrated vapors as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.
Toxic and/or corrosive effects may be delayed up to 24 hours.

· **Carcinogenic categories**

· **NTP (National Toxicology Program)**
None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.

· **Probable Routes of Exposure**
Ingestion.
Inhalation.
Eye contact.
Skin contact.
· **Acute effects (acute toxicity, irritation and corrosivity):**
Vapors have narcotic effect.
Neurotoxic effects may occur.
Causes skin and eye irritation.
· **Repeated Dose Toxicity:**
May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalative.

(Contd. on page 14)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 03/16/2015 Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 13)

Limited evidence of a carcinogenic effect.
Suspected of damaging fertility or the unborn child. Route of exposure: Inhalative.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**	
1330-20-7 xylene	
LC50	13.4 mg/l (pimephales promelas)

· **Persistence and degradability** No further relevant information available.
· **Behavior in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Ecotoxical effects:**
· **Remark:** Due to mechanical actions of the product (e.g. agglutinations) damages may occur.
· **Additional ecological information:**
· **General notes:**
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.
· **Waste disposal key:** EPA RCRA Code (USA) : D001, U220, U129, U239 .

· **Uncleaned packagings:**
· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**
· **DOT, ADR, IMDG, IATA** UN1263

(Contd. on page 15)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 14)

· **UN proper shipping name**

Limited Quantity for packages less than 30 kg (66 lb) and inner packagings less than 1 L (0.3 gal).

· **DOT**	Paint
· **ADR**	1263 PAINT
· **IMDG, IATA**	PAINT

· **Transport hazard class(es)**

· **DOT**

· **Class**	3 Flammable liquids
· **Label**	3

· **ADR**

· **Class**	3 (F1) Flammable liquids
· **Label**	3

· **IMDG, IATA**

· **Class**	3 Flammable liquids
· **Label**	3
· **Packing group**	
· **DOT, ADR, IMDG, IATA**	II
· **Environmental hazards:**	
· **Marine pollutant:**	No
· **Special precautions for user**	Warning: Flammable liquids
· **Danger code (Kemler):**	33
· **EMS Number:**	F-E,S-E
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.

· **Transport/Additional information:**

· **DOT**

· **Quantity limitations**	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L

· **IMDG**

· **Limited quantities (LQ)**	1L

(Contd. on page 16)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 15)

· **UN "Model Regulation":** UN1263, Paint, 3, II

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **United States (USA)**
· **SARA**

· **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**	
78-93-3	butanone
108-88-3	toluene
1330-20-7	xylene

· **TSCA (Toxic Substances Control Act):**
All ingredients are listed.

· **Proposition 65 (California)**
· **Chemicals known to cause cancer:**
Reference to Carbon Black is based on unbound respirable particles and is not generally applicable to product as supplied.
Reference to talc is based on unbound respirable particles and is not generally applicable to product as supplied.
Reference to Titanium Dioxide is based on unbound respirable particles and is not generally applicable to product as supplied.

13463-67-7	titanium dioxide
14807-96-6	Talc (Mg3H2(SiO3)4)
1333-86-4	Carbon black
100-41-4	ethylbenzene

· **Chemicals known to cause reproductive toxicity for females:**	
108-88-3	toluene

· **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**	
108-88-3	toluene

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**		
78-93-3	butanone	I
108-88-3	toluene	II
1330-20-7	xylene	I
100-41-4	ethylbenzene	D

(Contd. on page 17)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 16)

· **IARC (International Agency for Research on Cancer)**

13463-67-7	titanium dioxide	2B
108-94-1	cyclohexanone	3
108-88-3	toluene	3
1330-20-7	xylene	2B
14807-96-6	Talc (Mg3H2(SiO3)4)	2B
1333-86-4	Carbon black	2B
100-41-4	ethylbenzene	2B

· **TLV (Threshold Limit Value established by ACGIH)**

13463-67-7	titanium dioxide	A4
108-94-1	cyclohexanone	A3
108-88-3	toluene	A4
1330-20-7	xylene	A4
14807-96-6	Talc (Mg3H2(SiO3)4)	A4
1333-86-4	Carbon black	A4
100-41-4	ethylbenzene	A3

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

13463-67-7	titanium dioxide
1333-86-4	Carbon black

· **State Right to Know Listings**

None of the ingredients is listed.

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

108-94-1	cyclohexanone
100-41-4	ethylbenzene

· **Canadian Ingredient Disclosure list (limit 1%)**

123-86-4	n-butyl acetate
78-93-3	butanone
108-21-4	isopropyl acetate
108-88-3	toluene
1333-86-4	Carbon black

· **Other regulations, limitations and prohibitive regulations**
This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

(Contd. on page 18)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 03/01/2023

Trade name: DuraCoat® - All Colors
DuraCoat® SL - All Colors

(Contd. of page 17)

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of preparation / last revision** 03/16/2015 / -

· **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Flam. Liq. 2: Flammable liquids, Hazard Category 2
Flam. Liq. 3: Flammable liquids, Hazard Category 3
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B
Carc. 2: Carcinogenicity, Hazard Category 2
Repr. 2: Reproductive toxicity, Hazard Category 2
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2
Asp. Tox. 1: Aspiration hazard, Hazard Category 1

· **Sources**
SDS Prepared by:
ChemTel Inc.
1305 North Florida Avenue
Tampa, Florida USA 33602-2902
Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
Website: www.chemtelinc.com