DURACOAT Safety Data Sheet

USSC™
US SPECIALTY COATINGS

Issue date 13-APR-2018

1. IDENTIFICATION

Product Name: DURACOAT / white and colors
Other means of identification: acrylic enamel coating / aerosol
UN 1950, AEROSOLS, FLAMMABLE, nos, (each not exceeding 1L in capacity) 2.1 LTD QTY
Recommended use: acrylic spray coating
Prepared by: Safety Department
Source: US Specialty Coatings / 1000 McFarland 400 Blvd / Alpharetta, GA 30004 USA
Company Phone Number: 770-740-8123 / 800-278-7473 / Fax: 770-740-8125
Emergency Telephone Number (24 Hours): INFOTRAC 352-323-3500 (International)
1-800-535-5053 (N.America)

2. HAZARD STATEMENTS

Signal word: Danger

Hazard Statements:
Extremely flammable liquid and vapor. Contents Under Pressure. Harmful if inhaled.
May affect the brain or nervous system causing dizziness, headache or nausea.
Vapors may cause flash fire or explosion. Harmful if swallowed.

Appearance: Aerosol (in steel can) various colors
Physical state: Liquid under pressure

Precautionary Statements: **PREVENTION**
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection
Use in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray
Keep away from heat/sparks / open flames / hot surfaces.
For indoor use: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
Prevent build-up of vapors: open all doors and windows to achieve cross-ventilation.
Use explosion-proof ventilation equipment.
Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Skin Protection: Nitrile or Neoprene gloves may afford adequate skin protection.
Use impervious gloves to prevent skin contact and absorption through the skin.
Eye Protection: Use safety eyewear designed to protect against splash of liquids.
Other protective equipment: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.
IN CASE OF FIRE extinguish with CO_2, dry chemical, foam, water fog

Precautionary Statements: **RESPONSE**
Eye Contact: Hold eyelids apart and flush with plenty of water for at least 15 minutes. Remove contacts lenses if present after 5 minutes. Get medical attention.
Skin Contact: Wash with soap and water. Solvents evaporate quickly.
Inhalation: Leave the area to obtain fresh air. Get medical attention if you feel unwell.
Ingestion: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

Precautionary Statements: **STORAGE**
Store locked up. Store in a well-ventilated place.

Precautionary Statements: **DISPOSAL**
Dispose of contents/container at an approved waste disposal plant.

Hazards not otherwise classified (HNOC): Not Applicable

Other Information:

3. COMPOSITION / INFORMATION on INGREDIENTS

Chemical Name	CAS No	Weight-%
Liquified petroleum	68476-86-8	20-30
VM&P Naptha	8032-32-4	20-30
Xylenes (mixed isomers)	1330-20-7	10-20
Ethylbenzene	100-41-4	< 5
Polymeric binder	-	20-30

4. FIRST AID MEASURES

INHALATION: Move victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if you feel unwell.

EYE CONTACT: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Get immediate medical advice/attention.

INGESTION: (Unlikely) Rinse mouth. DO NOT induce vomiting (aspiration risk).
Drink 1/2 cup water, citrus fruit juice, or milk. Call a physician or poison control center immediately.

SKIN CONTACT: Wash off immediately with soap and water. Remove /Take off contaminated clothing and wash contaminated clothing before reuse.

Most important symptoms both acute and delayed:
Causes eye irritation. Prolonged or repeated contact may cause skin irritation. May cause slight skin irritation. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Avoid breathing vapors or mists. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Harmful if inhaled. Substance may be harmful if swallowed.
Chronic Hazards: May cause central nervous system disorder (e,g.,narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

5. FIRE FIGHTING MEASURES

EXTREMELY FLAMMABLE LIQUID AND VAPOR! Water spray may be ineffective.
Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed.
Isolate from heat, electrical equipment, sparks and open flame.
Perforation of the pressurized container may cause bursting of the can.
Special Firefighting Procedures: Evacuate area and fight fire from a safe distance.
Extinguishing Media: Dry Chemical, Foam, Water Fog
Unusual Fire And Explosion Hazards: FLASH POINT IS LESS THAN 20°F.
Closed containers may explode when exposed to extreme heat. Contaminated rags, wipes, sawdust, etc. may catch fire spontaneously. Store waste in closed metal containers until disposed of in compliance with all applicable regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment as required. Remove all sources of ignition. Spills may be slippery. Prevent foot traffic.
Environmental precautions: Do not discharge outside. Do not permit to escape directly into creeks or other natural waterways.
Methods for containment. Prevent further leakage or spillage if safe to do so.
Methods for cleaning up large spills: Reclaim liquid with mop and bucket. Filter and save for some use where quality is not critical.
Methods for cleaning up small spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Clean up in accordance with all applicable regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:
Wash thoroughly after handling. Do not eat, drink or smoke when using this product.
Do not breathe fume /gas /mist /vapors /spray. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Storage Conditions: Keep containers in a dry, cool and well-ventilated place.
Keep locked up and out of reach of children and pets. Protect from direct sunlight.
Store at 40-95°F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	ACGIH TLV	OSHA PEL	NIOSH
VM&P Naptha CAS # 8032-32-4	1,370 mg/m3 8h	standards vacated	TWA 350 mg/m3 C 1 800 mg/m3 [15-minute]
Xylenes (mixed isomers) CAS # 1330-20-7	100 ppm TWA 150 ppm STEL	435 mg/m³ TWA 100 ppm TWA	IDHL: 900 ppm
Ethylbenzene CAS # 100-41-4	TWA: 20 ppm	435 mg/m³ TWA 100 ppm TWA	IDLH: 800 ppm TWA: 100 ppm, 435 mg/m3 STEL: 125 ppm, 545 mg/m3
Liquified petroleum CAS # 68476–85–7	1,000 ppm (1,800 mg/m3) TWA	1,000 ppm (1,800 mg/m3) TWA	1,000 ppm (1,800 mg/m3) TWA Rvsd IDLH: 2,000 ppm [LEL]

ACGIH TLV American Conference of Governmental Industrial Hygenists / Time Limit Value
OSHA PEL Occupational Safety and Health / Permissible Exposure Limit
NIOSH REL National Institute of Occupational Safety and Health / Recommended Exposure Limit
IDHL Immediately Dangerous to Life or Health Concentration

Appropriate Engineering Controls:
Apply technical measures to comply with the occupational exposure limits.
Individual protection measures, Appropriate Personal Protective Equipment:

Eye/ face protection: Wear approved splash goggles.
Skin and body protection: Wear nitrile or neoprene gloves.
Respiratory protection: Under normal exterior conditions, respirator is not required.
General Hygiene: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

pH Not applicable
Melting point/freezing point (for propellent) -187 °C (-305 °F)
Initial boiling point & range (for propellent) -0.5 °C (31.1 °F) at 1,013.25 hPa
Flash point (for propellent) < -60 °C (< -76 °F) Method: ASTM D 92
Evaporation rate: faster than water
Flammability (solid, gas) Gas
Lower flammability limit (for propellent) 1.8 % (V)
Upper flammability limit (for propellent) 8.5 % (V)

SECTION 9. CONTINUED ON PAGE 2

SECTION 9. CONTINUED FROM PAGE 1

Vapor pressure (for propellent) 2,399.8 hPa at 20 °C (68 °F)
Vapor density (for propellent) 2.007 at 21.1 °C (70.0 °F) (Air = 1.0)
Relative density (water =1): less than 1
Solubility (H_2O) Negligible
Solubility in other solvents: Yes (petroleum solvents)
Partition coefficient, Autoignition temperature, Decomposition temperature
Kinematic viscosity, Dynamic viscosity, Explosive properties, Oxidizing properties:
not determined

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions
Chemical stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: None under normal processing.
Hazardous polymerization: Hazardous polymerization does not occur.
Conditions to avoid: Incompatible materials. Heat.
Incompatible materials: Bleach. Strong acids.
Hazardous Decomposition Products: Carbon oxides. Others not determined.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure
Inhalation: Harmful if inhaled.
Eye contact: Causes eye irritation.
Skin Contact: Harmful in contact with skin.
Ingestion: Harmful if swallowed (unlikely).

Component Information

	Oral LD50	Dermal LD50	Inhalation LC50
VM&P Naptha CAS # 8032-32-4	5 mg/kg [Rat]	3 mg/kg [Rabbit]	3,400, 4 hours [Rat]
Xylene (mixed isomers) CAS # 1330-20-7	2,119 mg/kg [Mouse]	>1,700 mg/kg [Rabbit]	5,000, 4 hours [Rat]
Ethylbenzene CAS # 100-41-4	3,500 mg/kg [Rat]	15,400 mg/kg [Rabbit]	17.2 mg/L, 4 hours [Rat]
Liquified petroleum CAS # 68476–85–7			> 10,000 ppm (gas)

Information on physical, chemical and toxicological effects: please see section 4 of this SDS for Symptoms
Delayed and immediate effects as well as chronic effects from short and long-term exposure:
Carcinogenicity: Not classifiable for human.

Chemical Name	ACGIH	IARC	NTP	OSHA
Xylene	A4	Group 3	-	-
Ethylbenzene	A3	Group 2B	-	-

Legend:
ACGIH (American Conference of Governmental Industrial Hygienists)
A4 - Not classifiable for human or animal. 2B - Possibly carcinogenic to humans
IARC (International Agency for Research on Cancer)
Group 3 IARC components are "not classifiable as human carcinogens"

May cause respiratory irritation. May cause drowsiness or dizziness.
Numerical measures of toxicity - Not determined

12. ECOLOGICAL INFORMATION

Chemical	Algae / Aquatic plants	Fish	Microorganisms	Crustacea
VM&P Naptha CAS # 8032-32-4	–	Oncorhynchus kisutch: LC50: 5.5 mg/l, 96h NOEC 1.4 mg/l, 40 days	–	NOEC Ceriodaphnia dubia 0.74 mg/l 7 days
Xylenes (o-, m-, p-isomers) CAS # 1330-20-7	IC50 Selenastrum Capricornum > 3.2 mg/l, 72h EC50 Algae 11 mg/l, 72-hr	LC50: Rainbow trout 8 mg/l, 96-hr LC50 Roccus saxatilis 2 mg/l, 96h	–	EC50 Daphnia magna 8.5 mg/l 48h
Ethylbenzene CAS # 100-41-4	EC50: 1.7 - 7.6 mg/L, 96h (Pseudo-kirchneriella subcapitata)	LC50: = 11.0 - 18.0 mg/L, 96h static (Oncorhynchus mykiss) = 9.6 mg/L, 96h static (Poecilia reticulata)	EC50: = 9.68 mg/L 30 min = 96 mg/L 24 h	EC50: Daphnia magna 1.8 - 2.4 mg/L, 48h
Liquified petroleum CAS # 68476–85–7	ErC50 (algae) > 7.71 mg/l 96h	–	–	LC50 daphnia > 14.22 mg/l 48h

Persistence and degradability: Not determined. Xylene is readily biodegradable (aerobic degradation).

Bioaccumulation: Not determined. Contains no known bioaccumulative ingredients.

Mobility: Not determined.

Chemical Name	Partition coefficient
Liquified petroleum	2.89
Xylene (mixed isomers)	3.1 - 3.2
Ethylbenzene	3.2

Other adverse effects Not determined

13. DISPOSAL CONSIDERATIONS

Waste treatment methods: dispose of wastes in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws.

California Hazardous Waste Status: Not determined

14. TRANSPORT INFORMATION

UN ID No	Proper Shipping Name (same for DOT, IATA and IMDG)	Class
UN 1950	AEROSOLS, FLAMMABLE, nos, (each not exceeding 1L in capacity)	2.1, LTD QTY

Emergency Telephone INFOTRAC 352-323-3500 (International)
1-800-535-5053 (North America)
Note: Please see current shipping paper
for most up to date shipping information,
including exemptions and special circumstances.

15. REGULATORY INFORMATION

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ ELINCS - European Inventory of Existing Chemical Substances/
/ European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 302 No component is listed as Extremely Hazardous
SARA 311/312 Hazards Acute Health, Fire Hazard, Sudden Release of Pressure
SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Value
Xylene	CAS#1330-20-7	10-20%	1 %
Ethylebenzene	# 100-41-4	< 5 %	0.1 %

CWA (Clean Water Act) - Reportable Quantities: 1000 lb (Xylene, Ethylebenzene)
CWA (Clean Water Act) - Hazardous Substances: Yes (Xylene, Ethylebenzene)
CWA (Clean Water Act) - Toxic Pollutants: Yes (Ethylbenzene)
CWA (Clean Water Act) - Priority Pollutants: Yes (Ethylbenzene)
Hazardous Substances RQ: 1000 lb (Xylene, Ethylebenzene)
CAA (Clean Air Act) - HON Rule - Organic HAPs (Xylene, Ethylebenzene)
CERCLA/SARA RQ Reportable Qty: 1000 lb final / 454 kg final (Xylene, Ethylebenzene)

U.S. State Regulations

California “Proposition 65” (The Safe Drinking Water and Toxic Enforcement Act of 1986) requires the following warning label ...

⚠ WARNING
This product can expose you to chemicals, including ethylbenzene, which is known to the State of California to cause cancer.
For more information go to: www.P65Warnings.ca.gov

Right-to-Know Regulations:

Chemical Name	Massachusetts	New York	New Jersey	Pennsylvania	Rhode Is.
Xylene CAS #1330-20-7	X	X	X	X	
Ethylebenzene #100-41-4	X	X	X	X	X

16. OTHER INFORMATION

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of SDS