

# Safety Data Sheet



## Deco Shine

Version 1

Revised Date: 9/15/2014

### SECTION 1 – PRODUCT IDENTIFICATION

Trade name : Deco Shine (PN# DSP)

Manufacturer : SpecChem  
1511 Baltimore Ave, Suite 600  
Kansas City, MO 64108

Telephone : (816) 968-5600  
Emergency Phone : CHEMTREC (800) 424-9300

Product Use : Sealer

### SECTION 2 – HAZARDS IDENTIFICATION

NFPA:



OSHA:

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture

#### 2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture

#### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

### SECTION 3 – PRODUCT COMPOSTION

Chemical Name	CAS-No.	Weight %
Aromatic petroleum distillates	64742-95-6	> 70.0
Acrylic Resin Solution	N/A	> 25.0
DIDP	68515-49-1	< 5.0

# Safety Data Sheet



## Deco Shine

Version 1

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### SECTION 4 – FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

- Inhalation : Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for at least 15 minutes while holding eyelids apart. Get medical attention immediately.
- Skin contact : Clean area of contact thoroughly with soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

### SECTION 5 – FIRE FIGHTING MEASURES

- Flash point : Combustible Liquid > 103 °F, 40 °C
- Method : Setaflash Closed Cup
- Lower explosion limit : 1.0 % (V) Solvent
- Upper explosion limit : 7.0 % (V) Solvent
- Autoignition temperature : Not available.
- Extinguishing media : If water fog is ineffective, use carbon dioxide, dry chemical or foam. Do not use water stream.
- Hazardous combustion products : Smoke, fumes. Carbon monoxide and carbon dioxide can form. Nitrogen oxides can form.
- Protective equipment for firefighters : Use accepted fire-fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). Water may be used to cool containers to minimize pressure build-up.
- Fire and explosion conditions : Vapor concentrations in enclosed areas may ignite explosively. Product may ignite if heated in excess of its flash point. Vapors may travel to sources of ignition and flashback. Closed container may burst when exposed to extreme heat. Empty containers may contain ignitable vapors.

# Safety Data Sheet



## Deco Shine

Version 1

Revised Date: 9/15/2014

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Remove sources of ignition immediately. Stop flow of material if safe to do so. Contain spill and keep out of water courses. Ventilate area. Absorb spill with sand, earth or other suitable material. Transfer to appropriate container for disposal.

### SECTION 7 - HANDLING AND STORAGE

Handle in compliance with common hygienic practice. Clean hands thoroughly after handling. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin, eyes, and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above 10°F.

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Personal protection equipment

- Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on MSDS. Follow manufacturer's directions for respirator use.
- Hand protection : Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure
- Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available
- Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.
- Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

#### Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
1,2,4- Trimethylbenzene	95-63-6	ACGIH TWA:	25 ppm	
1,3,5- Trimethylbenzene	108-67-8	ACGIH TWA:	25 ppm	

# Safety Data Sheet



## Deco Shine

Version 1

Revised Date: 9/15/2014

Cumene	98-82-8	ACGIH TWA:	50 ppm
		OSHA PEL:	245 mg/m3
Xylene	1330-20-7	ACGIH TWA:	100 ppm
		ACGIH STEL:	150 ppm
		OSHA PEL:	435 mg/m3
DIDP	26761-40-0	N/A	N/A

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
Color	: Clear
Odor	: Aromatic Solvent
pH	: Not available
Vapor pressure	: Not available
Vapor density	: Heavier than air.
Melting point/range	: Not available
Freezing point	: Not available
Boiling point/range	: Approximate 322°F (Aromatic 100)
Water solubility	: Negligible
Specific Gravity	: 0.90 +/-0.02
% Volatile Weight	: ~75.0 %

## SECTION 10 – REACTIVITY / STABILITY

Substances to avoid	: Oxidizing agents.
Stability	: Stable under normal conditions. Avoid welding arcs, flames or other high temperature sources
Hazardous polymerization	: Will not occur.

## SECTION 11 – TOXICOLOGY INFORMATION

# Safety Data Sheet



## Deco Shine

Version 1

Revised Date: 9/15/2014

Cumene, CAS-No.: 98-82-8

Acute oral toxicity (LD-50 oral)

Acute inhalation toxicity (LC-50)

2,910 mg/kg (Rat) 1,400 mg/kg (Rat)

2,000 mg/l for 7 h (Mouse) 8,000 mg/l for 4 h (Rat) 24.7 mg/l for 2 h (Mouse)

Xylene, CAS-No.: 1330-20-7

Acute oral toxicity (LD-50 oral)

Acute inhalation toxicity (LC-50)

4,300 mg/kg (Rat) 1,590 (Mouse) 6,670 mg/kg (Rat) 3,523 – 8,600 mg/kg (Rat) 5,627 mg/kg (Mouse)

6,350 mg/l for 4 h (Rat) 3,907 mg/l for 6 h (Mouse) 8,000 mg/l for 4 h (Rat)

## SECTION 12 – ECOLOGICAL INFORMATION

No data available

## SECTION 13 – DISPOSAL CONSIDERATIONS

RCRA Class : D001: Reportable Quantity = 100 lbs. (Characteristic of ignitability)  
This classification applies only to the material as it was originally produced.

Disposal Method : Subject to hazardous waste treatment, storage, and disposal requirements under RCRA. Recycle or incinerate waste at EPA approved facility or dispose of in compliance with federal, state and local regulations.

## SECTION 14 - TRANSPORTATION / SHIPPING DATA

### TDG / DOT Shipping Description:

NOT REGULATED IN CONTAINERS LESS THAN 119 GALLONS  
Combustible Liquid in North America (Flammable elsewhere)

## SECTION 15 – REGULATORY INFORMATION

### North American Inventories:

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

### U.S. Federal Regulations:

SARA 313 Components : 1,2,4- Trimethylbenzene 95-63-6

# Safety Data Sheet



## Deco Shine

Version 1

Revised Date: 9/15/2014

		Cumene	98-82-8
		Xylene	1330-20-7
SARA 311/312 Hazards	:	Acute Health Hazard Fire Hazard	
OSHA Hazardous Components	:	1,2,4- Trimethylbenzene	95-63-6
		1,3,5- Trimethylbenzene	108-67-8
		Cumene	98-82-8
		Xylene	1330-20-7
OSHA Status: Considered hazardous based on the following criteria	:	Irritant	
OSHA Flammability	:	II	
Regulatory VOC (less water And exempt solvent)	:	695 g/l	
NTP, IARC and OSHA	:	This product contains the following substances listed as a carcinogen. Cumene, Dioctyl Phthalate	
Sara Title III Section 313 Supplier Notification	:	This product does contain toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372.	
		Cumene	98-82-8      ?%
		Dioctyl Phthalate	117-81-7      ?%
		Xylene	1330-20-7      ?%

### U.S. State Regulations:

WARNING! Contains chemicals known to the state of California to cause cancer, birth defects and/or other reproductive harm:

Components under California Proposition 65:

This product contains the following substances listed by the State of California Environmental Protection Agency, Office of Environmental Health Hazard Assessment Safe Drinking Water and Toxic Enforcement Act of 1986.

Cumene, Dioctyl Phthalate,

### Other:

This product does not contain nor is it manufactured with ozone depleting chemicals.

# Safety Data Sheet



## Deco Shine

Version 1

Revised Date: 9/15/2014

### SECTION 16 – OTHER INFORMATION

#### Further Information:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. SpecChem and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.specchemllc.com](http://www.specchemllc.com) for additional terms and conditions of sale.

**Prepared by: Valery Tokar**

#### Legend

ACGIH – American conference of Governmental hygienists  
CERCLA – Comprehensive Environmental Response, Compensation, And Liability Act  
DOT – Department of Transportation  
DSL – Domestic Substance List  
EPA – Environmental Protection Agency  
HMIS – Hazardous Materials Information System  
IARC – International Agency for Research on Cancer  
MSHA – Mine Safety Health Administration  
NDSL – Non-Domestic Substance List  
NIOSH – National Institute for Occupational Safety and Health  
NTP – National Toxicology Program  
OSHA – Occupational Safety and Health Administration

PEL – Permissible Exposure Limit  
RCRA – Resource Conservation and Recovery Act  
RTK – Right to Know  
SARA – Superfund Amendments and Reauthorization Act  
STEL – Short Term Exposure Limit  
TLV – Threshold Limit Value  
TSCA – Toxic Substances Control Act  
TWA – Time Weighted Average  
V – Volume  
VOC – Volatile Organic Compound  
WHIMIS – Workplace Hazardous Materials Information System