

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Name : DecoVas Part A  
Product code : VSP

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Professional use, Industrial use  
Industrial/Professional use spec : Industrial  
For professional use only  
Use of the substance/mixture : Coating

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

ICD High Performance Coatings  
7350 S. Union Ridge Parkway  
Ridgefield, WA 98642  
United States of America

Tel: +1 (360) 546 2286  
Fax: +1 (360) 546 2287

#### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
UNITED STATES OF AMERICA	ICD High Performance Coatings	7350 S. Union Ridge Parkway Ridgefield, WA 98642	: +1 (360) 546 2286

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS Classification according to Regulation (EC) No. 1272/2008 [CLP]

H317 May cause an allergic skin reaction. : Category 1

Full text of H-phrases mentioned in this Section: see Section 16

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms :



Signal word : Warning

Hazard statements : May cause an allergic skin reaction

Precautionary statements : **Prevention:**  
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray  
Wear protective gloves.

**Response:**  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation occurs: Get medical attention.  
Take off contaminated clothing and wash it before reuse.

**Disposal:**

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

**2.3. Other hazards**

No additional information available

### SECTION 3: Composition/information on ingredients

**3.1. Substance**

Not applicable

**3.2. Mixture**

**Hazardous ingredients:**

Name	CAS No.	Concentration (Wt %)
4,4'- Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro- 2,3-epoxypropane	30583-72-3	10 - 20 %
Methanol	67-56-1	0.1 - 1 %

### SECTION 4: First aid measures

**4.1. Description of first aid measures**

First-aid measures general	: Remove soiled or soaked clothing immediately.
First-aid measures after inhalation	: Ensure supply of fresh air.
First-aid measures after skin contact	: Immediately and thoroughly, wash off with soap and water.
First-aid measures after eye contact	: Flush eye immediately and thoroughly while protecting the unhurt eye. If symptoms persist, seek medical attention.
First-aid measures after ingestion	: If swallowed, seek medical attention and show MSDS.

**4.2. Most important symptoms and effects, both acute and delayed**

Symptoms/injuries	: The following symptoms may occur: - allergic symptoms.
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**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

### SECTION 5: Firefighting measures

**5.1. Extinguishing media**

Suitable extinguishing media	: Water spray. Alcohol-resistant foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemical.
Unsuitable extinguishing media	: Full water jet.

**5.2. Special hazards arising from the substance or mixture**

Hazardous combustion products	: In the event of fire the following can be released: - Carbon monoxide, carbon dioxide, silicon dioxide Under certain conditions of combustion traces of other toxic substances cannot be excluded..
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**5.3. Advice for firefighters**

Firefighting instructions	: Use extinguishing methods that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
Protection during firefighting	: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

### SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations. Ensure adequate ventilation.

**6.2. Environmental precautions**

Do not allow to enter drains or waterways Do not discharge into the subsoil/soil.

**6.3. Methods and material for containment and cleaning up**

Take up with absorbent material (e.g. sand, diatomaceous earth, universal binder) Dispose of absorbed material in accordance with the regulations.

**6.4. Reference to other sections**

Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Local/Total ventilation : Use only with adequate ventilation.
- Precautions for safe handling : Wear respiratory protection when spraying. Provide good ventilation of working area (local exhaust ventilation if necessary). Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.
- Hygiene measures : No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift. Do not eat, drink or smoke when working.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : No special measures required. Keep container tightly closed in a well-ventilated place.
- Incompatible materials : None.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Ingredients with workplace control parameters:

Ingredients	CAS-No.	Type (Form of exposure)	Value	Basis
Methanol	67-56-1	TWA	200 ppm	ACGIH
		STEL	250 PPM	ACGIH
		SKIN_DES	Can be absorbed through the skin	ACGIH
		REL	200 ppm 260 mg/m <sup>3</sup>	NIOSH
		STEL	250 ppm 325 mg/m <sup>3</sup>	NIOSH
		SKIN_DES	Can be absorbed through the skin	NIOSH
		PEL	200 ppm 260 mg/m <sup>3</sup>	OSHA Z-1

#### 8.2. Exposure controls

- Appropriate engineering controls : Good general (mechanical) ventilation should be sufficient to control airborne levels.
- Hand protection : gloves made of nitril (NBR)  
gloves made of butyl (IIR)
- Eye protection : Use chemical resistant goggles.
- Skin and body protection : Light protective clothing is required.
- Respiratory protection : In case of formation of vapors/aerosols: respiratory protective equipment, cartridge for organic gases and vapors.



- Other information : Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Emergency showers and eye wash stations should be available. Store separate from food products.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: Various.
Odour	: Characteristic.
Odour threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 242.6 °F Method: DIN EN 22719 (DIN 51758)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.000 - 1.200 g/cm <sup>3</sup> (25 °C) Method: DIN 51757
Solubility	: Insoluble in water
Log Pow	: No data available
Viscosity, dynamic	: 1,000 - 2,000 mPa·s (25 °C) Method: DIN 53015 (Höppler)
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

See section "Possibility of hazardous reactions".

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No

Hydrolysis may result in formation of methanol depending on the specific conditions of use.

#### 10.4. Conditions to avoid

None known.

#### 10.5. Incompatible materials

None known.

#### 10.6. Hazardous decomposition products

None with proper storage and handling.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Likely routes of exposure : Inhalation. Skin contact. Ingestion. Eye contact.

Acute toxicity	: Not classified based on available data. Acute oral toxicity estimate: >2000 mg/kg Method: calculation method Acute dermal toxicity estimate: >2000 mg/kg Method: calculation method Acute inhalation toxicity estimate: Exposure duration: 4 h Test atmosphere: vapour Dose: > 20 mg/l Method: calculation method
Skin corrosion/irritation	: Not classified based on available information.
Serious eye damage/eye irritation	: Not classified based on available information.
Skin sensitization	: Not classified based on available information.
Respiratory sensitization	: Not classified based on available information.
Germ cell mutagenicity	: Not classified based on available information.
Carcinogenicity	: Not classified based on available information.
IARC	: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
ACGIH	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by ACGIH.
Reproductive toxicity	: Not classified based on available information.
Specific target organ toxicity (single exposure)	: Not classified based on available information.
Specific target organ toxicity (repeated exposure)	: Not classified based on available information.
Repeated dose toxicity	: Not classified based on available data.
Aspiration hazard	: Not classified based on available data.
Potential adverse human health effects and symptoms	: Not classified based on available data.
Further Information	: Possibility of sensitisation through skin contact.

## SECTION 12: Ecological information

### 12.1. Toxicity

Acute aquatic toxicity	: Not classified based on available data.
Chronic aquatic toxicity	: Not classified based on available data.

#### Ingredients:

##### Methanol:

Toxicity to fish	LC50 <i>Lepomis macrochirus</i> (Bluegill): 15,400.0 mg/l Exposure time: 96 h
	NOEC <i>Oryzias latipes</i> : 7,900 mg/l Exposure time: 200 h
Toxicity to daphnia and other aquatic invertebrates	EC50 <i>Daphnia magna</i> (Water flea): > 10,000.00 mg/l Exposure time: 48 h
Toxicity to algae	EC50 <i>Scenedesmus capricornutum</i> (fresh water algae): 22,000.0 mg/l Exposure time: 96 h

### 4,4'- Isopropylidenedicyclohex anol, oligomeric reaction products with 1-chloro- 2,3-epoxypropane:

Toxicity to fish No data available.

Toxicity to daphnia and other aquatic invertebrates No data available.

## 12.2. Persistence and degradability

### Ingredients:

Ingredient	Results
4,4'- Isopropylidenedicyclohex anol, oligomeric reaction products with 1-chloro- 2,3-epoxypropane	No data available.
Methanol	Aerobic: Exposure time 5 d Result: 72 % - rapidly biodegradable. Biochemical Oxygen Demand (BOD): 600 - 1,120 mg/g Chemical Oxygen Demand (COD) 1,420 mg/g Theoretical oxygen demand 1,500 mg/g

## 12.3. Bioaccumulative potential

### Ingredients:

Ingredient	Remarks
4,4'- Isopropylidenedicyclohex anol, oligomeric reaction products with 1-chloro- 2,3-epoxypropane	No data available.
Methanol	Cyprinus carpio (Carp) - 72 d at 20 °C - 5 mg/l Bioconcentration factor (BCF): 1.0

## 12.4. Mobility in soil

No data available.

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Other adverse effects

Do not allow to enter soil, waterways or waste water canal.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Resource Conservation and Recovery Act (RCRA)	:	This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.
Product	:	In accordance with local authority regulations, take to special waste incineration plant.
Contaminated packaging	:	If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards. If not otherwise specified: Dispose of as unused product.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

Not dangerous goods in terms of transport regulations

### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	:	Not applicable
Proper Shipping Name (IMDG)	:	Not applicable

Proper Shipping Name (IATA) : Not applicable  
 Proper Shipping Name (ADN) : Not applicable  
 Proper Shipping Name (RID) : Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

#### ADN

Transport hazard class(es) (ADN) : Not applicable

#### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable  
 Packing group (IMDG) : Not applicable  
 Packing group (IATA) : Not applicable  
 Packing group (ADN) : Not applicable  
 Packing group (RID) : Not applicable

### 14.5. Domestic regulation

#### 49 CFR

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

#### 14.6.2. Transport by sea

#### 14.6.3. Air transport

#### 14.6.4. Inland waterway transport

Carriage prohibited (ADN) : No  
 Not subject to ADN : No

#### 14.6.5. Rail transport

Carriage prohibited (RID) : No

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### Canada:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation and the (M)SDS contains all information required by the Controlled Products Regulation

Canada : WHMIS CLASSIFICATION  
Non-WHMIS  
This product contains component(s) that are listed on the WHMIS Ingredient Disclosure List.  
Methanol 67-56-1

##### EPCRA – Emergency Planning and Community Right-to-Know

##### CERCLA Reportable Quantity

Ingredients	CAS-No	Component RQ (lbs)	Calculated product RQ (lbs)
Methanol	71-36-3	100	>5000

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ

##### SARA 311/312 Hazards

: Acute Health Hazard

##### SARA 302

: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

##### SARA 313

: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### 15.1.2. National regulations

##### US State Right To Know Regulations

Ingredient	CAS No.	Concentration (Wt %)
Methanol	71-36-3	0.1 - 1 %

##### California Prop. 65

- Methanol (CAS-No.: 67-56-1)

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm

##### The ingredients of this product are reported in the following inventories:

REACH : All ingredients (pre)registered or exempt.  
TSCA : All chemical substances in this material are included on or exempted fro listing on the TSCA Inventory of Chemical Substances.  
DSL : All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or are exempt from listing on the Canadian Domestic Substances List (DSL).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Internal technical data, data from raw material SDS's, and OECD eChem Portal search results.

Other information : None.

Full text of H- phrases:





# DecoVas Part A

## Safety Data Sheet

H317

May cause an allergic skin reaction

SDS EU\_NSC

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*