

SAFETY DATA SHEET

Revision Date 04-Aug-2016

Version 2

1. IDENTIFICATION

Product identifier

Product Name 2.1 VOC VersaSeal Catalyst-Hot Weather

Other means of identification

Product Code BPR-1372-4
UN/ID no. UN1263
SKU(s) BPR-1372-4, BPR-1372-6

Recommended use of the chemical and restrictions on use

Recommended Use No information available.
Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

Vogel Automotive Coatings
1020 Albany Place SE
Orange City, IA 51041
Phone: 712-737-4993
Fax: 712-737-4997

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|---------------------------|------------|
| Respiratory sensitization | Category 1 |
| Skin sensitization | Category 1 |
| Flammable liquids | Category 2 |

Emergency Overview

Danger

Hazard statements

May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction
Highly flammable liquid and vapor



Appearance No information available

Physical state liquid

Odor No information available

Ingestion Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting.

Self-protection of the first aider Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms May cause allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically. Symptoms may be delayed. May cause sensitization by skin contact. May cause sensitization by inhalation and skin contact.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Flammable.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Remove all sources of ignition. Use personal protective equipment as required.

Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Incompatible materials Strong acids. Strong oxidizing agents. Chlorinated compounds. Incompatible with oxidizing agents. Strong bases. Water. Alcohols. Amines. Copper.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure Guidelines**

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------------------------------|-------------------------------|--|--|
| Parachlorobenzotrifluoride 98-56-6 | TWA: 2.5 mg/m ³ F | TWA: 2.5 mg/m ³ F TWA: 2.5 mg/m ³ dust (vacated) TWA: 2.5 mg/m ³ | - |
| Acetone 67-64-1 | STEL: 500 ppm TWA: 250 ppm | TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m ³ (vacated) STEL: 2400 mg/m ³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm | IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³ |

NIOSH IDLH *Immediately Dangerous to Life or Health*

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|--------------------------|-----------------------|--------------------------|
| Physical state | liquid | Odor | No information available |
| Appearance | No information available | Odor threshold | No information available |
| Color | No information available | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|-------------------------------|--------------------------|-------------------------|
| pH | No information available | |
| Melting point/freezing point | No information available | |
| Boiling point / boiling range | >= 56 °C / 133 °F | |
| Flash point | 21 °C / 70 °F | |

| | |
|------------------------------|--------------------------|
| Evaporation rate | No information available |
| Flammability (solid, gas) | No information available |
| Flammability Limit in Air | |
| Upper flammability limit: | No information available |
| Lower flammability limit: | No information available |
| Vapor pressure | No information available |
| Vapor density | No information available |
| Specific Gravity | 1.28 |
| Water solubility | No information available |
| Solubility in other solvents | No information available |
| Partition coefficient | No information available |
| Autoignition temperature | No information available |
| Decomposition temperature | No information available |
| Kinematic viscosity | No information available |
| Dynamic viscosity | No information available |
| Explosive properties | No information available |
| Oxidizing properties | No information available |

Other Information

| | |
|----------------------------|--------------------------|
| Softening point | No information available |
| Molecular weight | No information available |
| VOC Content (%) | No information available |
| Density | 10.66 lbs/gal |
| Bulk density | No information available |
| Percent solids by weight | 23.7% |
| Percent volatile by weight | 0.2% |
| Percent solids by volume | 25.9% |
| Actual VOC (lbs/gal) | 0 |
| Actual VOC (grams/liter) | 2.7 |
| EPA VOC (lbs/gal) | 0.1 |
| EPA VOC (grams/liter) | 10.3 |
| EPA VOC (lb/gal solids) | 0.1 |

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Strong acids. Strong oxidizing agents. Chlorinated compounds. Incompatible with oxidizing agents. Strong bases. Water. Alcohols. Amines. Copper.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|--|
| Product Information | No data available |
| Inhalation | May cause sensitization by inhalation. |

| | |
|---------------------|--|
| Eye contact | May cause irritation. |
| Skin Contact | May cause irritation. May cause sensitization by skin contact. |
| Ingestion | No data available. |

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|----------------------|----------------------|---------------------------------------|
| Parachlorobenzotrifluoride 98-56-6 | = 13 g/kg (Rat) | > 2 mL/kg (Rabbit) | = 33 mg/L (Rat) 4 h |
| Polymeric Isocyanate 28182-81-2 | - | - | = 18500 mg/m ³ (Rat) 1 h |
| Acetone 67-64-1 | = 5800 mg/kg (Rat) | - | = 50100 mg/m ³ (Rat) 8 h |
| p-Toluenesulfonyl Isocyanate 4083-64-1 | = 2234 mg/kg (Rat) | - | > 640 ppm (Rat) 1 h |

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|---------------------------------|---|
| Sensitization | May cause sensitization by inhalation and skin contact. |
| Germ cell mutagenicity | No information available. |
| Carcinogenicity | No information available. |
| Reproductive toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Target Organ Effects | Central nervous system, Eyes, Respiratory system, Skin. |
| Aspiration hazard | No information available. |

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document mg/kg mg/l

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Toxic to aquatic life with long lasting effects

23.93% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---------------------------------------|----------------------|---|--|
| Parachlorobenzotrifluoride 98-56-6 | - | 11.5 - 15.8: 48 h Lepomis macrochirus mg/L LC50 static | 3.68: 48 h Daphnia magna mg/L EC50 |
| Acetone 67-64-1 | - | 4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis macrochirus mg/L LC50 | 10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50 |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

| Chemical Name | Partition coefficient |
|---------------------------------------|-----------------------|
| Parachlorobenzotrifluoride 98-56-6 | 3.7 |
| Acetone 67-64-1 | -0.24 |

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

US EPA Waste Number D001 U002

| Chemical Name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|--------------------|------|-----------------------------------|------------------------|------------------------|
| Acetone 67-64-1 | - | Included in waste stream: F039 | - | U002 |

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name | California Hazardous Waste Status |
|--------------------|-----------------------------------|
| Acetone 67-64-1 | Ignitable |

14. TRANSPORT INFORMATION

DOT

UN/ID no. UN1263
Proper shipping name Paint
Hazard Class 3
Packing Group II
Special Provisions 149, B52, IB2, T4, TP1, TP8, TP28
Description UN1263, Paint, 3, II
Emergency Response Guide Number 128

TDG

UN/ID no. UN1263
Proper shipping name Paint
Hazard Class 3
Packing Group II
Description UN1263, Paint, 3, II

MEX

UN/ID no. UN1263
Proper shipping name Paint
Hazard Class 3
Packing Group II
Description UN1263, Paint, 3, II

ICAO (air)

UN/ID no. UN1263
Proper shipping name Paint
Hazard Class 3
Packing Group II
Special Provisions A3, A72
Description UN1263, Paint, 3, II

IATA

UN/ID no. UN1263
Proper shipping name Paint

| | |
|--------------------|----------------------|
| Hazard Class | 3 |
| Packing Group | II |
| ERG Code | 3L |
| Special Provisions | A3, A72 |
| Description | UN1263, Paint, 3, II |

IMDG

| | |
|----------------------|----------------------|
| UN/ID no. | UN1263 |
| Proper shipping name | Paint |
| Hazard Class | 3 |
| Packing Group | II |
| EmS-No. | F-E, S-E |
| Special Provisions | 163 |
| Description | UN1263, Paint, 3, II |

RID

| | |
|----------------------|----------------------|
| UN/ID no. | UN1263 |
| Proper shipping name | Paint |
| Hazard Class | 3 |
| Packing Group | II |
| Classification code | F1 |
| Description | UN1263, Paint, 3, II |

ADR

| | |
|-------------------------|-----------------------------|
| UN/ID no. | UN1263 |
| Proper shipping name | Paint |
| Hazard Class | 3 |
| Packing Group | II |
| Classification code | F1 |
| Tunnel restriction code | (D/E) |
| Special Provisions | 163, 640C, 650 |
| Description | UN1263, Paint, 3, II, (D/E) |
| Labels | 3 |

ADN

| | |
|-----------------------|----------------------|
| Proper shipping name | Paint |
| Hazard Class | 3 |
| Packing Group | II |
| Classification code | F1 |
| Special Provisions | 163, 640C, 650 |
| Description | UN1263, Paint, 3, II |
| Hazard label(s) | 3 |
| Limited quantity (LQ) | 5 L |
| Ventilation | VE01 |

| |
|-----------------------------------|
| 15. REGULATORY INFORMATION |
|-----------------------------------|

International Inventories

| | |
|---------------|----------|
| TSCA | Complies |
| DSL/NDSL | Complies |
| EINECS/ELINCS | Complies |
| ENCS | Complies |
| IECSC | Complies |
| KECL | Complies |
| PICCS | Complies |
| AICS | Complies |

Legend:

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
 AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute health hazard | Yes |
| Chronic Health Hazard | No |
| Fire hazard | Yes |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|--------------------|--------------------------|----------------|--|
| Acetone 67-64-1 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts |
|---------------------------------------|------------|---------------|
| Parachlorobenzotrifluoride 98-56-6 | X | - |
| Acetone 67-64-1 | X | X |

| Chemical Name | Pennsylvania |
|---------------------------------------|--------------|
| Parachlorobenzotrifluoride 98-56-6 | X |
| Acetone 67-64-1 | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

Hazardous air pollutants (HAPS) content

This product contains no reportable Hazardous Air Pollutants

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

| | | | | |
|-------------|--------------------|----------------|--------------------|------------------------------------|
| NFPA | Health hazards 2 | Flammability 3 | Instability 0 | Physical and Chemical Properties - |
| HMIS | Health hazards 2 * | Flammability 3 | Physical hazards 0 | Personal protection X |

Chronic Hazard Star Legend * = Chronic Health Hazard

Revision Date 04-Aug-2016

Revision Note
No information available

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. Shipping information may vary based upon container size and shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.

End of Safety Data Sheet