

SAFETY DATA SHEET

Prepared in accordance with Regulation (EC) No 1907/2006, Annex II (REACH).

B65VC0001
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DATE OF PREPARATION
May 28, 2013

SECTION 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1. PRODUCT IDENTIFIER

B65VC0001
ACROLON 890 PART B

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Paint

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

THE SHERWIN-WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, OH 44115

EMERGENCY TELEPHONE

Product Information	www.sherwin-williams.com
Regulatory Information	(216) 566-2902 www.paintdocs.com
Medical Emergency	(216) 566-2917
Transportation Emergency*	(800) 424-9300
*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)	

SECTION 2. HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Danger



Flammable liquid and vapour.
May cause an allergic skin reaction.
May cause allergy or asthma symptoms of breathing difficulties if inhaled.
Harmful to aquatic life with long lasting effects.
May cause long lasting harmful effects to aquatic life.

Preventive Measures :

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Keep away from heat/sparks/open flames/hot surfaces – No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/light/.../equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wear protective gloves/protective clothing/eye protection/face protection.
Avoid release to the environment.
Avoid breathing dust/fume/gas/mist/vapours/spray.
In case of inadequate ventilation wear respiratory protection.
Contaminated work clothing should not be allowed out of the workplace.

Incident Responses :

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

In case of fire: Use ... for extinction.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

IF ON SKIN: Wash with soap and water.

If skin irritation or a rash occurs: Get medical advice/attention.

Specific treatment (Section 4 of the SDS).

Wash contaminated clothing before reuse.

Storage Safety :

Store in a well ventilated place. Keep cool.

Waste Disposal :

Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCES

Not Available

3.2. MIXTURES

% by Weight	CAS Number	EC Number	REACH	EC CLASSIFICATION (67/548/EC, 1272/2008/EC)
1 - 2,5	64742-95-6	265-199-0		F;R10 Xn;R65 Xi;R37 R66 R67 N;R51/53 Asp. Tox. 1 H304, Carc. 1B H350, Muta. 1B H340
	Light Aromatic Hydrocarbons			
0,1 - 1	98-82-8	202-704-5		R10 Xi;R37 N;R51 R53 Xn;R65 Aquatic Chronic 2 H411, Asp. Tox. 1 H304, Flam. Liq. 3 H226, STOT SE 3 H335
	Cumene			
1 - 2,5	108-67-8	203-604-4		R10 Xi;R37 N;R51 R53 Aquatic Chronic 2 H411, Flam. Liq. 3 H226, STOT SE 3 H335
	1,3,5-Trimethylbenzene			
1 - 2,5	95-63-6	202-436-9		R10 Xn;R20 Xi;R36/37/38 N;R51 R53 Acute Tox. 4 H332, Aquatic Chronic 2 H411, Eye Irrit. 2 H319, Flam. Liq. 3 H226, STOT SE 3 H335, Skin Irrit. 2 H315
	1,2,4-Trimethylbenzene			
2,5 - 10	123-86-4	204-658-1	01-2119485493-29	R10 R66 R67 Flam. Liq. 3 H226, STOT SE 3 H336
	n-Butyl Acetate			
75 - 100	28182-81-2	500-060-2	01-2119485796-17	Xn;R42/43
	Hexamethylene Diisocyanate Polymer			
0,1 - 1	822-06-0	212-485-8		T;R23 Xi;R36/37/38 Xn;R42/43 Acute Tox. 3 H331, Eye Irrit. 2 H319, Resp. Sens. 1 H334, STOT SE 3 H335, Skin Irrit. 2 H315, Skin Sens. 1 H317
	Hexamethylene Diisocyanate (max.)			

For the full text of the H-Statements and R-phrases mentioned in this section, see Section 16.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

SECTION 4. FIRST-AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area thoroughly with soap and water.

If irritation persists or occurs later, get medical attention.

Remove contaminated clothing and laundry before re-use.

INHALATION: If any breathing problems occur during use, **LEAVE THE AREA** and get fresh air. If problems remain or occur later, **IMMEDIATELY** get medical attention.

INGESTION: Do not induce vomiting. Get medical attention immediately.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Not Available

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Not Available

SECTION 5. FIRE-FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Closed containers may explode when exposed to extreme heat.

Application to hot surfaces requires special precautions.

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

5.3. ADVICE FOR FIREFIGHTERS

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

SECTION 6. ACCIDENTAL RELEASE MEASURES**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Remove all sources of ignition. Ventilate the area.

All personnel in the area should be protected as in Section 8.

Follow protective measures listed in Sections 7 and 8.

6.2. ENVIRONMENTAL PRECAUTIONS

Do not allow product to enter drains or waterways.

If the product enters drains or sewers, notify the local water authorities; in the case of contamination of streams, rivers or lakes contact the environmental authorities.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Cover spill with absorbent material. Deactivate spilled material with a 10% ammonium hydroxide solution (household ammonia). After 10 minutes, collect in open containers and add more ammonia. Cover loosely. Wash spill area with soap and water.

SECTION 7. HANDLING AND STORAGE**7.1. PRECAUTIONS FOR SAFE HANDLING**

Contents are FLAMMABLE. Keep away from heat, sparks, and open flame.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

Use approved Bonding and Grounding procedures.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally.

Keep out of the reach of children.

7.3. SPECIFIC END USE(S)

Not Available

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. CONTROL PARAMETERS**

CAS Number	Ingredient	STEL		TWA			
		PPM	MG/M3	PPM	MG/M3		
98-82-8	Cumene	GB	50	250	25	125	Possibility of significant uptake through the skin
123-86-4	n-Butyl Acetate	GB	200	966	150	724	

8.2. EXPOSURE CONTROLS

This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

8.2.1. APPROPRIATE ENGINEERING CONTROLS

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 3 is maintained below applicable exposure limits.

8.2.2. INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

NO PERSON SHOULD USE THIS PRODUCT, OR BE IN THE AREA WHERE IT IS BEING USED, IF THEY HAVE CHRONIC (LONG-TERM) LUNG OR BREATHING PROBLEMS OR IF THEY EVER HAD A REACTION TO ISOCYANATES.

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 3) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 3, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction).

A) EYE/FACE PROTECTION

Wear safety spectacles with unperforated sideshields.

B) SKIN PROTECTION**I) HAND PROTECTION**

To prevent skin contact, wear gloves which are recommended by glove supplier for protection against materials in Section 3.

II) OTHER

Use barrier cream on exposed skin.

C) RESPIRATORY PROTECTION

Where overspray is present, a positive pressure air supplied respirator (TC19C NIOSH/MSHA approved) should be worn. If unavailable, a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 3 may be

effective. Follow respirator manufacturers directions for use. Wear the respirator for the whole time of spraying and until all vapors and mists are gone. **NO PERSONS SHOULD BE ALLOWED IN THE AREA WHERE THIS PRODUCT IS BEING USED UNLESS EQUIPPED WITH THE SAME RESPIRATOR PROTECTION RECOMMENDED FOR THE PAINTERS.**

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

D) THERMAL HAZARDS

Not Available

8.2.3. ENVIRONMENTAL EXPOSURE CONTROLS

Not Available

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid	
ODOUR	Paint	
PRODUCT WEIGHT	1126 g/l	9.40 lb/gal
SPECIFIC GRAVITY	1.13	
FLASH POINT	31 °C	87 °F
LOWER EXPLOSION LIMIT (LEL)	0.7%	
UPPER EXPLOSION LIMIT (UEL)	7.6%	
BOILING POINT	123 - 182 °C	255 - 360 °F
MELTING POINT	Not Available	
VOLATILE VOLUME	12%	
EVAPORATION RATE	Slower than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	Not Available	

9.2. OTHER INFORMATION

Not Available

SECTION 10. STABILITY AND REACTIVITY

10.1. REACTIVITY

None known.

10.2. CHEMICAL STABILITY

Stable

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

None known.

10.4. CONDITIONS TO AVOID

Contamination with Water, Alcohols, Amines and other compounds which react with isocyanates, may result in dangerous pressure in, and possible bursting of, closed containers.

10.5. INCOMPATIBLE MATERIALS

Contamination with Water, Alcohols, Amines and other compounds which react with isocyanates, may result in dangerous pressure in, and possible bursting of, closed containers.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

SECTION 11. TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

SECTION 12. ECOLOGICAL INFORMATION

12.1. TOXICITY

Not Available

12.2. PERSISTENCE AND DEGRADABILITY

Not Available

12.3. BIOACCUMULATIVE POTENTIAL

Not Available

12.4. MOBILITY IN SOIL

Not Available

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

Not Available

12.6. OTHER ADVERSE EFFECTS

Not Available

SECTION 13. DISPOSAL CONSIDERATIONS**WASTE DISPOSAL METHOD**

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14. TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

IMO

Information is not Available

IATA/ICAO

Information is not Available

ADR/RID

Information is not Available

SECTION 15. REGULATORY INFORMATION**15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

Contains isocyanates.

See information supplied by the manufacturer.

Total volatile organic compounds (VOC): 10.00 %

Total volatile organic carbon: 6.63 %

For Italian Customers only – Classes of solvents according to Italian Legislative Decree 152/06 (Table D, Part II, Annex I)

Classification	%
4	5.2
3	2.3
1	0.2

15.2. CHEMICAL SAFETY ASSESSMENT

Not Available

SECTION 16. OTHER INFORMATION**FULL TEXT OF R – PHRASES REFERENCED IN SECTION 3.****(67/548/EC, 1272/2008/EC)**

R10	Flammable.
R20	Harmful by inhalation.
R23	Toxic by inhalation.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R42/43	May cause sensitisation by inhalation and skin contact.
R51	Toxic to aquatic organisms.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R53	May cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

- H319** Causes serious eye irritation.
- H331** Toxic if inhaled.
- H332** Harmful if inhaled.
- H334** May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335** May cause respiratory irritation.
- H336** May cause drowsiness or dizziness.
- H340** May cause genetic defects.
- H350** May cause cancer.
- H411** Toxic to aquatic life with long lasting effects.

This Safety Data Sheet is prepared in accordance with Regulation (EC) No 1907/2006, Annex II (REACH), as amended by Regulation (EU) No.453/2010.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.