



Safety Data Sheet
Prime Flex 900 XLV
SDS Revision Date: 12/15/2016

1. Identification

1.1. Product identifier

Product Identity Prime Flex 900 XLV
Alternate Names Prime Flex 900 XLV

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

Intended use See Technical Data Sheet.
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name Prime Resins, Inc.
2291 Plunkett Road
Conyers, GA 30012

Emergency

CHEMTREC (USA) (800) 424-9300

24 hour Emergency Telephone No. For International Calls +1 703-527-3887 **Customer Service: Prime Resins, Inc.** (770) 388-0626

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Resp Sens 1, H334 May cause allergy or asthma symptoms or breathing difficulty if inhaled.
Eye Irrit. 2;H319 Causes serious eye irritation.
Repr. 1B;H360Df May damage the unborn child. Suspected of damaging fertility. Aquatic
Chronic 2;H411 Toxic to aquatic life with long lasting effects.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.





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Danger

H319 Causes serious eye irritation.
 H360Df May damage the unborn child. Suspected of damaging fertility.
 H411 Toxic to aquatic life with long lasting effects.

[Prevention]:

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P264 Wash thoroughly after handling.
 P273 Avoid release to the environment.
 P280 Wear protective gloves / eye protection / face protection. **[Response]:**
 P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
 P308+313 IF exposed or concerned: Get medical advice / attention.
 P337+313 If eye irritation persists: Get medical advice / attention.
 P391 Collect spillage. **[Storage]:**
 P405 Store locked up. **[Disposal]:** P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Urethane Prepolymer CAS Number: 57516-88-8	10-25	Eye Irrit 2, H319 Resp Sens 1, H334	[1]
Urethane Prepolymer CAS Number: 9052-50-0	40-70	Eye Irrit 2, H319 Resp Sens 1, H334	[1]
2-(2-Ethoxyethoxy)ethyl acetate CAS Number: 0000112-15-2	10 - 25	Eye Irrit. 2;H319	[1]
Dibutyl phthalate CAS Number: 0000084-74-2	1.0 - 10	Repr. 1B;H360Df Aquatic Acute 1;H400	[1][2]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.



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4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Immediately take off all contaminated clothing. For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

Overview	Eyes: Irritating to the eyes Skin: May cause skin irritation; potential sensitizer. Skin inflammation is characterized by itching, scaling and reddening. Inhalation: May cause lung irritation; potential sensitizer Ingestion: Swallowing small amounts of this material during normal handling is unlikely and is not likely to cause harmful effects. Swallowing large amounts may be harmful. See section 2 for further details.
Eyes	Causes serious eye irritation.

5. Fire-fighting measures

5.1. Extinguishing media

Water spray, dry chemical, alcohol foam, carbon dioxide

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: High heat and fire may produce carbon dioxide, carbon monoxide, and oxides of nitrogen.

5.3. Advice for fire-fighters

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing, and face mask.

ERG Guide No. ----



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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

For major spills call Chemtrec (800-424-9300).

Clean up should only be performed by trained personnel. People dealing with major spillages should wear full protective clothing including appropriate respiratory protection. Evacuate the area. Prevent further leakage, spillage or entry into drains.

7. Handling and storage

7.1. Precautions for safe handling

Avoid breathing aerosols, mists and vapors. Avoid contact with skin and eyes.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities Handle containers carefully to prevent damage and spillage.

Incompatible materials: Water, amines, strong bases, alcohols, metal compounds and surface-active materials If container is exposed to high heat, it can be pressurized and possibly rupture explosively. Keep the container tightly closed and in a cool, well-ventilated place.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s) No data available.



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8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0000084-74-2	Dibutyl phthalate	OSHA	TWA 5 mg/m ³
		ACGIH	TWA: 5 mg/m ³ R
		NIOSH	TWA 5 mg/m ³
		Supplier	No Established Limit
0000112-15-2	2-(2-Ethoxyethoxy)ethyl acetate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
57516-88-8	Urethane Prepolymer	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
9052-50-0	Urethane Prepolymer	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit



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Carcinogen Data

CAS No.	Ingredient	Source	Value
0000084-74-2	Dibutyl phthalate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000112-15-2	2-(2-Ethoxyethoxy)ethyl acetate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
57516-88-8	Urethane Prepolymer	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
9052-50-0	Urethane Prepolymer	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory When the product is sprayed or heated without adequate ventilation, an approved MSHA/NIOSH positive-pressure, supplied-air respirator may be required.

Eyes Wear safety glasses; chemical goggles (if splashing is possible).

Skin Protective clothing should be selected. Gloves - neoprene, nitrile rubber, butyl rubber. Thin latex disposable gloves should be avoided for repeated or long-term use.

Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:



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9. Physical and chemical properties

Appearance	Slightly Viscous Amber Liquid
Odor	Sweet
Odor threshold	Not Measured
pH	Not available
Melting point / freezing point	Not available
Initial boiling point and boiling range	> 180°F
Flash Point	> 200°F (93°C) ASTM D 3278-96
Evaporation rate (Ether = 1)	Slower than ether
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not available Upper Explosive Limit: Not available
Vapor pressure (Pa)	268°F 180MM
Vapor Density	Not available
Specific Gravity	1.038 @ 20°C (H ₂ O = 1)
Solubility in Water	Soluble, reacts with water
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity (cSt)	Not available
VOC Content	None

9.2. Other information

No other relevant information.



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10. Stability and reactivity

10.1. Reactivity

Polymerization may occur at elevated temperatures in the presence of alkalis, tertiary amines and metal compounds.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions No data available.

10.4. Conditions to avoid No data available.

10.5. Incompatible materials

Water, amines, strong bases, alcohols, metal compounds and surface-active materials

10.6. Hazardous decomposition products

High heat and fire may produce carbon dioxide, carbon monoxide, and oxides of nitrogen.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Urethane Prepolymer - (57516-88-8) No data No data	No data available	No data available	No data available	No data available	No data available
Urethane Prepolymer - (9052-50-0) No data No data	No data available	No data available	No data available	No data available	No data available
2-(2-Ethoxyethoxy)ethyl acetate - (112-15-2)	11,000.00, Rat - Category: NA	15,281.00, Rabbit - Category: NA	No data available	No data available	No data available
Dibutyl phthalate - (84-74-2)	8,000.00, Rat - Category: NA	20,860.00, Rabbit - Category: NA	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).



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Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	1	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	1B	May damage the unborn child. Suspected of damaging fertility.
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable



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12. Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

No additional information provided for this product. See Section 3 for chemical specific data. **Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Urethane Prepolymer - (57516-88-8)	Not Available	Not Available	Not Available
Urethane Prepolymer – (9052-50-0)	Not Available	Not Available	Not Available
2-(2-Ethoxyethoxy)ethyl acetate - (112-15-2)	Not Available	Not Available	Not Available
Dibutyl phthalate - (84-74-2)	0.48, Lepomis macrochirus	2.99, Daphnia magna	0.21 (96 hr), Scenedesmus acutus

12.2. Persistence and degradability

There is no data available on the preparation itself. **12.3. Bioaccumulative potential** Not Measured

12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects No data available.



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13. Disposal Considerations

13.1. Waste treatment methods Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: Yes (Dibutyl phthalate)		
14.6. Special precautions for user	No further information		

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance All components of this material are either listed or exempt from listing on the TSCA **Control Act (TSCA)** Inventory.

WHMIS Classification D2A

US EPA Tier II Hazards Fire: No **Sudden Release of Pressure:** No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No



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EPCRA 311/312 Chemicals and RQs (lbs):

Dibutyl phthalate (10.00)

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute. **EPCRA**

313 Toxic Chemicals:

2-(2-Ethoxyethoxy)ethyl acetate
Dibutyl phthalate

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%): Dibutyl phthalate

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

Dibutyl phthalate

New Jersey RTK Substances (>1%):

Dibutyl phthalate

Pennsylvania RTK Substances (>1%):

Dibutyl phthalate

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H319 Causes serious eye irritation.

H360Df May damage the unborn child. Suspected of damaging fertility. H400 Very toxic to aquatic life.

Not Classified

Resp Sens 1, H334 May cause allergy or asthma symptoms or breathing difficulty if inhaled.



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This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

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