

**Neoprene polychloroprene**

Version 3.0

Revision Date 05/28/2015

Ref. 150000002482

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name	:	Neoprene polychloroprene
Product Grade/Type	:	W, WM-1, WHV, WHV-100, WHVA-120, AD, AD 10, AD 20, AD 30, AD 40
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Product Use	:	Rubber products
Restrictions on use	:	For manufacturing and research use only
Manufacturer/Supplier	:	DuPont 974 Centre Road Wilmington, DE 19805, USA
Product Information	:	1-800-441-7515 (outside the U.S. 1-302-774-1000)
Medical Emergency	:	1-800-441-3637 (outside the U.S. 1-302-774-1139)
Transport Emergency	:	CHEMTREC: +1-800-424-9300 (outside the U.S. +1-703-527-3887)

**SECTION 2. HAZARDS IDENTIFICATION**

Not classified as a hazardous substance or mixture according to the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard 2012.

**Other hazards**

No applicable data available.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

This product does not contain any components that require disclosure according to OSHA Hazard Communication Standard 2012.

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**SECTION 4. FIRST AID MEASURES**

- General advice : If symptoms persist, call a physician.
- Inhalation : If breathed in, move person into fresh air. Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. Consult a physician if necessary.
- Skin contact : Wash off with soap and water. Cool skin rapidly with cold water after contact with hot polymer. Do not peel polymer from the skin. Consult a physician if necessary.
- Eye contact : Rinse thoroughly with plenty of water, also under the eyelids. Consult a physician if necessary.
- Ingestion : If victim is conscious: Drink water as a precaution. Consult a physician.
- Most important symptoms/effects, acute and delayed : No applicable data available.
- Protection of first-aiders : No applicable data available.
- Notes to physician : No applicable data available.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>), Foam, Water, Dry chemical
- Unsuitable extinguishing media : No applicable data available.
- Specific hazards : Burning produces noxious and toxic fumes.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus and protective suit.
- Further information : Evacuate personnel to safe areas. Do not allow run-off from fire fighting to enter drains or water courses.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

- Safeguards (Personnel) : Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Try to prevent the material from entering drains or water courses.
- Spill Cleanup : Shovel into suitable container for disposal. Clean contaminated floors and objects thoroughly while observing environmental regulations.
- Accidental Release Measures : No applicable data available.

**SECTION 7. HANDLING AND STORAGE**

- Handling (Personnel) : Protect from contamination. Provide appropriate exhaust ventilation at dryers, machinery and at places where dust or volatiles can be generated. Do not breathe dust. Do not breathe fumes evolved from hot polymer. General precaution for all plastics and elastomers: Wash hands before breaks and immediately after handling the product. Regular cleaning of equipment, work area and clothing. When using do not eat, drink or smoke.
- Handling (Physical Aspects) : General precaution for all plastics and elastomers: Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Avoid dust formation.
- Dust explosion class : No applicable data available.
- Storage : Keep in a dry, cool and well-ventilated place. Keep containers dry and tightly closed to avoid moisture absorption and contamination.
- Storage period : No applicable data available.
- Storage temperature : No applicable data available.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Engineering controls : Use only in area provided with appropriate exhaust ventilation.
- Personal protective equipment

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Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Where there is potential for airborne exposures in excess of applicable limits, wear NIOSH approved respiratory protection.

Hand protection : Material: Nitrile rubber  
Glove thickness: 0.38 mm  
Wearing time: 8 h

Eye protection : Safety glasses with side-shields

Skin and body protection : If there is a potential for contact with hot/molten material wear heat resistant clothing and footwear.

Exposure Guidelines  
Exposure Limit Values

This product does not contain any exposure limits that require disclosure according to OSHA Hazard Communication Standard 2012.

This product does not contain any exposure limits that require disclosure according to OSHA Hazard Communication Standard 2012.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

## Appearance

Physical state : solid  
Form : chips  
Color : off-white, tan

Odor : slight, characteristic

Odor threshold : No applicable data available.

pH : Not applicable

Melting point/range : No applicable data available.

Boiling point/boiling range : Boiling point/boiling range  
Not applicable

Flash point : > 260 °C  
open cup

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Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	No applicable data available.
Upper explosion limit	:	Not applicable
Lower explosion limit	:	Not applicable
Vapor pressure	:	Not applicable
Vapor density	:	Not applicable
Density	:	1.23 g/cm <sup>3</sup> Method: ASTM D 792
Specific gravity (Relative density)	:	No applicable data available.
Water solubility	:	insoluble
Solubility(ies)	:	No applicable data available.
Partition coefficient: n-octanol/water	:	Not applicable
Auto-ignition temperature	:	No applicable data available.
Decomposition temperature	:	>200 °C  Thermal decomposition of the resin accelerates above temperature listed.  Decomposition can occur below the recommended processing temperature limit.  Decomposition is a function of both processing temperature and time at that temperature.
Viscosity, kinematic	:	Not applicable
Viscosity, dynamic	:	Not applicable

**SECTION 10. STABILITY AND REACTIVITY**

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Reactivity	:	Stable at normal ambient temperature and pressure.
Chemical stability	:	Stable at normal ambient temperature and pressure.
Possibility of hazardous reactions	:	Polymerization will not occur. During drying, cleaning and moulding, small amounts of hazardous gases and/or particulate matter may be released. These may irritate eyes, nose and throat.
Conditions to avoid	:	Processing temperature > 200 °C (> 392 °F) Avoid heating for prolonged periods above the recommended upper processing limit. Decomposes on heating. At temperatures above the "conditions to avoid" temperature, thermal decomposition of the resin accelerates. Decomposition can occur below the recommended processing temperature limit. Decomposition is a function of both processing temperature and time at that temperature.
Incompatible materials	:	None reasonably foreseeable.
Hazardous decomposition products	:	Hazardous decomposition products: Hydrogen chloride, Carbon monoxide, Organic acids, Aldehydes, Alcohols

**SECTION 11. TOXICOLOGICAL INFORMATION**Neoprene polychloroprene  
Sensitisation

: Not a skin sensitizer.

Animal test did not cause sensitization by skin contact. (Data on the product itself)

Did not cause sensitisation on laboratory animals.,

**Carcinogenicity**

The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition).

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

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**SECTION 12. ECOLOGICAL INFORMATION**

Additional ecological information : No data is available on the product itself.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Waste disposal methods - Product : Preferred options for disposal are recycling or incineration with energy recovery. If recycling is not practicable, dispose of in compliance with local regulations. Incinerate only in incinerators capable of scrubbing out acidic combustion products.

Contaminated packaging : Offer rinsed packaging material to local recycling facilities. If recycling is not practicable, dispose of in compliance with local regulations.

**SECTION 14. TRANSPORT INFORMATION**

Not classified as dangerous in the meaning of transport regulations.

**SECTION 15. REGULATORY INFORMATION**

EINECS (EU) Status : On the inventory, or in compliance with the inventory  
TSCA (US) Status : In compliance with TSCA Inventory requirements for commercial purposes.  
AICS (AU) Status : On the inventory, or in compliance with the inventory  
DSL (CA) Status : On the inventory, or in compliance with the inventory  
ENCS (JP) Status : On the inventory, or in compliance with the inventory  
KECI (KR) Status : On the inventory, or in compliance with the inventory  
PICCS (PH) Status : On the inventory, or in compliance with the inventory  
IECSC (CN) Status : On the inventory, or in compliance with the inventory  
ISHL (JP) Status : On the inventory, or in compliance with the inventory  
NZIOC Status : On the inventory, or in compliance with the inventory  
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- SARA 313 Regulated Chemical(s) : 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.
- PA Right to Know Regulated Chemical(s) : Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Rosin
- NJ Right to Know Regulated Chemical(s) : Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): No components present on the NJ state hazardous substance lists.
- California Prop. 65 : WARNING! This product contains a chemical or chemicals known to the State of California to cause cancer.  
WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

**SECTION 16. OTHER INFORMATION**

- Restrictions for use : Do not use DuPont materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract that is consistent with DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative. You may also request a copy of the DuPont POLICY Regarding Medical Applications and DuPont CAUTION Regarding Medical Applications.

The DuPont Oval Logo is a registered trademark of E.I. du Pont de Nemours and Company.  
Before use read DuPont's safety information.

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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.

Significant change from previous version is denoted with a double bar.





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