



# PRODUCT SAFETY INFORMATION SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

TRADE NAME: NITROPHYL® -MC Cellular Rubber  
CHEMICAL FAMILY: NBR Rubber  
HMIS RATING: H 1 F 1 R 0  
USE OF ARTICLE Floats  
DATE ISSUED: February 12, 2016  
COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation  
One Technology Drive  
Rogers, CT 06263  
Phone: 001-860-774-9605  
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## 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL: NE  
LABELING REQUIREMENTS: NE  
EFFECTS OF OVEREXPOSURE: May Cause transient eye irritation. May cause skin irritation in sensitive individuals. May cause nose or throat irritation, dizziness, and headache while grinding or cutting. Ventilation and personnel protection should be similar to all operations generating nuisance dust. Remove to fresh air – seek medical attention.  
IARC has listed carbon black as a Class 2B suspected human carcinogen based on tests with laboratory animals.  
INHALATION: Dust may cause respiratory irritation. Remove to fresh air and seek medical attention if necessary.  
EYE CONTACT: Dust may cause irritation. Flush eyes with water and seek medical attention if necessary.  
SKIN CONTACT: Dust may cause irritation. Wash thoroughly with soap and water.  
INGESTION: None known.  
CHRONIC: IARC has listed carbon black as a Class 2B suspected human carcinogen based on tests with laboratory animals.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is produced as an “article” as defined in 20 CFR 1910.1200 and REGULATION (EC) N° 1907/2006 is therefore exempt from the Hazard Communication Standard and REACH. Since this material does not release and will not result in exposure to a hazardous chemical under normal conditions of use, no Safety Data Sheet is required.

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS</u> <u>/ELINCS</u>	<u>%</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH TLV</u>
Nitrile Butadiene Rubber (NBR)	9003-56-9	NE	<99%	NE	NE
Carbon Black	1333-86-4	215-609-9	<1	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>

## 4. FIRST-AID MEASURES

INHALATION:	Remove to fresh air. Obtain medical attention if symptoms persist.
EYE CONTACT:	Flush eyes with large amounts of water for 15 to 20 minutes. Obtain medical attention if symptoms persist.
SKIN CONTACT:	Immediately take off all contaminated clothing and flush area with water for 15 to 20 minutes. Obtain medical attention if symptoms persist.
INGESTION:	Not a likely route of entry – seek medical attention.

## 5. FIRE-FIGHTING MEASURES

FLASH POINT:	NE °C (°F)	Flammable Limits: NE			
AUTO IGNITION TEMPERATURE:	NE °C (°F)				
EXTINGUISHING MEDIA:	X Water Spray	X	Foam	X	CO <sub>2</sub>
	X Dry Chemical	X	Other –		
SPECIAL FIRE FIGHTING PROCEDURES:	Decomposition in a fire may produce toxic fumes. Firefighters should be equipped with self-contained breathing apparatus and turnout gear.				
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known.				

## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Exhaust vapors and dust if crushing, grinding, or heating material. Avoid touching eyes while handling. Use of this product in received form will not present a health hazard.
ENVIRONMENTAL PRECAUTIONS:	Residual amounts of hydrogen sulfide may be emitted during machining. Over exposure is unlikely due to the irritating nature of hydrogen sulfide. Control of dust/vapors while machining or heating will ensure safety conditions.
CLEANING METHODS:	Sweep or shovel into appropriate container for disposal. Avoid creation of nuisance dust.

## 7. HANDLING AND STORAGE

HANDLING:	Hot wire cutting operations should be exhausted to prevent exposure to irritating vapors. Wear suitable protective equipment, refer to Section 8.
STORAGE:	Keep in a cool, well-ventilated area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:	None needed under normal conditions. If material is heated and odors are noticeable and/or irritating a respirator meeting NIOSH requirements should be used. A qualified individual should evaluate each situation.
<u>VENTILATION</u>	
LOCAL:	Recommended for all industrial operations.
GENERAL:	Recommended for all industrial operations.
<u>PERSONAL PROTECTION</u>	
HAND:	Gloves to avoid skin contact if desired.
EYE:	Safety glasses with side-shields are recommended in all industrial operations.
SKIN:	Safety gloves to avoid skin contact.
OTHER:	Safety shower/eyewash in the area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Typical Hard Rubber
ODOR:	Characteristic – Slight Sulfur
PHYSICAL STATE:	Solid
BOILING POINT:	NA °C (°F)
MELTING POINT:	NE °C (°F)
FREEZING POINT:	NA °C (°F)
FLASH POINT:	NE °C (°F)
WATER SOLUBILITY:	In-Soluble
VAPOR DENSITY:	NA
VAPOR PRESSURE:	NA
SPECIFIC GRAVITY:	0.2-0.53 (Water = 1)
PARTITION COEFFICIENT:	NA
EVAPORATION RATE:	NA
RELATIVE DENSITY:	NA
VISCOSITY:	NA
AUTO-IGNITION TEMPERATURE:	NA °C (°F)
DECOMPOSITION TEMPERATURE:	NA °C (°F)
PH:	NA
FLAMMABILITY:	NA

## 10. STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID:	NE
MATERIALS TO AVOID:	NE
HAZARDOUS POLYMERIZATION:	Does not occur
HAZARDOUS DECOMPOSITION PRODUCTS:	CO, CO <sub>2</sub> , Oxides of nitrogen, HCN, and traces of incompletely burned carbon compounds.

## 11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS:	IARC has listed carbon black as a Class 2B suspected human carcinogen based on tests with laboratory animals.
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## 12. ECOLOGICAL INFORMATION

ECOTOXICITY:	NA
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## 13. DISPOSAL CONSIDERATION

PHYSICAL/CHEMICAL PROPERTIES AFFECTING DISPOSAL:	
ENVIRONMENTAL TOXICITY DATA:	NA
WASTE DISPOSAL METHOD:	Dispose of in accordance with applicable federal, state, provincial, and local laws and regulations.

## 14. TRANSPORT INFORMATION

UN NUMBER:	Not Regulated
UN PROPER SHIPPING NAME:	Not Regulated
HAZARD CLASS (ES):	Not Regulated
PACKING GROUP:	Not Regulated
ENVIRONMENTAL HAZARDS:	NE

## 15. REGULATORY INFORMATION

### INTERNATIONAL REGULATIONS:

Canadian (DSL/NDSL):	Article – exempt.
Australian (ACIS):	Article – exempt.
Korea (KECI):	Article – exempt.
Japan (ENCS, MITI):	Article – exempt.
China (IECSC)	Article – exempt.
EU Directive 2011/65/EC (RoHS):	Does not contain any intentionally added substances mentioned by the RoHS directive.
European Union	This product has been reviewed for compliance with the following European Community Directives: REACH Regulation (EC) No 1907/2006; Regulation (EC) No 1272/2008 on classification, labeling and packaging (CLP) of substances and mixtures.

TSCA All materials are listed or exempt from TSCA listing.

(Toxic Substances Control Act):

CERCLA NA

(Comprehensive Emergency Response, Compensation, and Liability Act):

SARA TITLE III NA

(Superfund Amendments and Reauthorization Act):

311/312 HAZARD CATEGORIES: None

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
NA	NA	NA

## 16. OTHER INFORMATION

NA = Not Applicable	FILE:	99305-Nitrophyl MC PSIS-02122016.doc
NE = Not Established		
NC = Not Classified	PREPARED BY:	Michal Werbecki
Date Prepared: 02/12/2016	REVIEWED BY:	Curtis Kempton
Composition:		

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