



PRODUCT SAFETY INFORMATION SHEET

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

TRADE NAME: NITROPHYL®-K Series: 10, 20, 30, 60, 61
CHEMICAL FAMILY: NBR Rubber
USE OF ARTICLE: Floats
DATE ISSUED: February 12, 2021
COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation
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2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL: NE
LABELING REQUIREMENTS: NE
EFFECTS OF OVEREXPOSURE: None are expected with normal handling. Cutting and other finishing operations may create rubber. Ventilation and personnel protection should be similar to all operations generating nuisance dust. 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 /ELINCS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>EU Classification</u>
Nitrile Butadiene Rubber (NBR)	9003-56-9	NE	<99	NE	NE	Not Classified Under 67/548/EC
Carbon Black	1333-86-4	215-609-9	<12	3.5 mg/m ³	3.5 mg/m ³	NC According to 67/548/EEC

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 CO₂
X Dry Chemical X Other –
SPECIAL FIRE FIGHTING PROCEDURES: Decomposition in a fire may produce oxides of carbon, nitrogen, and sulfur and other hazardous chemicals. 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.
VENTILATION
LOCAL: Recommended for all industrial operations.
GENERAL: Recommended for all industrial operations.
PERSONAL PROTECTION
HAND: Gloves to avoid skin contact if desired.
EYE: Safety glasses with side-shields are recommended in all industrial operations
SKIN: Long sleeved clothing.

OTHER:

Safety shower/eyewash in the area.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Solid, Black Hard Rubber
ODOR:	Slight Sulfur odor
PHYSICAL STATE:	Solid
BOILING POINT:	NA °C (°F)
MELTING POINT:	NE °C (°F)
FREEZING POINT:	NE °C (°F)
FLASH POINT:	NE °C (°F)
WATER SOLUBILITY:	In-Soluble
VAPOR DENSITY:	NA
VAPOR PRESSURE:	NA
SPECIFIC GRAVITY:	NA
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:	Keep away from oxidizing agents and open flame.
MATERIALS TO AVOID:	Strong oxidizers and acids.
HAZARDOUS POLYMERIZATION:	Does not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon, nitrogen, and sulfur.

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:	Not readily biodegradable. Chemicals not readily available as they are bound in the Matrix of the polymer.
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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.
 EU Regulation (EC#1907/2006) (REACH): NA
 TSCA (Toxic Substances Control Act): All materials are listed or exempt from TSCA listing.
 CERCLA (Comprehensive Emergency Response, Compensation, and Liability Act): NA
 SARA TITLE III (Superfund Amendments and Reauthorization Act): NA
 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
 NE = Not Established
 NC = Not Classified

FILE: 99214 Nitrophyl K Series PSIS 02122021.doc
 PREPARED BY: EHS Engineering
 REVIEWED BY: Corporate EHS

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