SAFETY DATA SHEET

1. IDENTIFICATION

TRADE NAME: PORON ATR-32 (Color: Black)
Micro cellular polyurethane foam

CAMPANY IDENTIFICATION: ROGERS INOAC CORPORATION
9-117, Nashinoki, Taketoyo-cho, Chita-gun, Aichi Japan

DEPARTMENT IN CHARGE: Technical department
PHONE NUMBER: +81-569-74-1811
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2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION: NA
GHS LABEL ELEMENTS: None
OTHER HAZARDS: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	wt%	CAS No.
Polyurethane	84	9009-54-5
Carbon black	0.76	1333-86-4

4. FIRST-AID MEASURES

INHALATION: Dust may cause respiratory irritation. Remove to fresh air and obtain medical attention if necessary.

SKIN CONTACT: Wash thoroughly with soap and water.
EYE CONTACT: Flush eyes with water and obtain medical attention if necessary.
INGESTION: Obtain medical attention if necessary.

5. FIRE-FIGHTING MEASURES

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: Polyurethane materials may generate dense smoke in a fire.

EXTINGUISHING MEDIA: __X__ Water spray __X__ Foam __X__ CO_2
__X__ Dry Chemical ____ Other

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION: None needed.
ENVIRONMENTAL PRECAUTIONS: None needed.
CLEANING METHODS: Sweep or shovel into appropriate container for disposal. Avoid creation of nuisance dust.

7. HANDLING AND STORAGE

HANDLING: Do not put this product close to fire. Avoid excessive impact or stacking. 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 place avoiding direct sunlight, rain, heat and moisture.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

RESPIRATORY PROTECTION: None needed

VENTILATION

LOCAL: Recommended in cutting /finishing operations or hot wire cutting operation.
GENERAL: Recommended for all industrial operations.

PERSONAL PROTECTION

HAND: Gloves to avoid skin contact if necessary.
EYE: Safety glasses with side shields are recommended in all industrial operations.
OTHER: Safety shower/eyewash in the area.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Solid, cellular urethane foam
ODOR: Slight odor

PH: NA
FLASH POINT: NA
UPPER/LOWER FLAMMABILITY LIMITS: NA
SPECIFIC GRAVITY: 0.32
WATER SOLUBILITY: NA
AUTO-IGNITION TEMPERATURE: NA
DECOMPOSITION TEMPERATURE: NE

10. STABILITY AND REACTIVITY

STABLE X UNSTABLE ___
CONDITIONS TO AVOID: NA
MATERIAL TO AVOID: NA
HAZARDOUS POLYMERIZATION: Does Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO_2, Oxides of nitrogen, HCN and trace of incompletely burned carbon compounds.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NA
SKIN CORROSION/IRRITATION: NA
SERIOUS EYE DAMAGE/EYE IRRITATION: NA
RESPIRATORY/SKIN SENSITIZATION: NA
GERM CELL MUTAGENICITY: NA
CARCINOGENICITY: NA
REPRODUCTIVE TOXICITY: NA
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE): NA
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE): NA
ASPIRATION HAZARD: NA

12. ECOLOGICAL INFORMATION

ECOTOXICITY: NE
PERSISTANCE AND DEGRADABILITY: NE
BIOACCUMULATIVE POTENTIAL: NA
MOBILITY IN SOIL: NA

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: In accordance with applicable, federal, state, provincial and local laws and regulations.

CONTAINER DISPOSAL: In accordance with applicable, federal, state, provincial and local laws and regulations.

14. TRANSPORT INFORMATION

IMDG CLASSIFICATION: Not Regulated
UN NUMBER: Not regulated
UN PROPER SHIPPING NAME: Not regulated
TRANSPORT HAZXARD CLASS: Not regulated
PACKING GROUP: Not regulated
ENVIRONMENTAL HAZARDS: Not regulated

15. REGULATORY INFORMATION

INTERNAL REGULATIONS (JAPAN):

FIRE DEFENSE LAW: Combustible material

PRTR LAW*: NA

*Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof

POISONOUS AND DELETERIOUS SUBSTANCES CONTOROL LAW: NA

Follow federal, state, provincial and local laws and regulations.

16. OTHER INFORMATION

NA = Not Applicable NE = Not Established

Date Prepared: Nov. 9, 2017 Prepared by: Ayaka Nishizaki
Date Revised: July 5, 2018 Approved by: Takuya Kiriyama

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