

SAFETY DATA SHEET

Date Prepared : December 14, 2011

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1. IDENTIFICATION

TRADE NAME PORON FW-27 (Color: Dark gray)
 COMPANY IDENTIFICATION ROGERS INOAC CORPORATION
 9-117, Nashinoki, Taketoyo-cho, Chita-gun, Aichi Japan
 PHONE NUMBER +81-569-74-1811
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2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL Not classified.
 GHS LABEL ELEMENTS
 HAZARD PICTOGRAMS/SYMBOLS None
 SIGNAL WORD None
 HAZARD AND PRECAUTIONARY STATEMENTS None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION Mixture(Article)

Chemical Name	wt%	CAS RN
Polyurethane	82	-
Carbon black	0.25	1333-86-4

4. FIRST-AID MEASURES

INHALATION Remove to fresh air after massive inhalation of outgas released by molten resin when overheated. Obtain medical attention immediately if symptoms occur.
 SKIN CONTACT Harmless under ordinary temperature. Obtain medical attention after cooling well with large amount of water if molten resin adheres to skin.
 EYE CONTACT Flush eyes with clean water. Obtain medical attention immediately if symptoms persist.
 INGESTION Vomit. Obtain medical attention if necessary.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA Water in large amount, powder, carbon dioxide, and other general agents.
 UNSUITABLE EXTINGUISHING MEDIA None known.

UNUSUAL FIRE HAZARDS
 SPECIAL FIRE FIGHTING
 PROCEDURES
 PROTECTIVE EQUIPMENT

Decomposition in a fire may produce irritant or toxic gases. Using general extinguishing agents from windward is desirable. Firefighters should be equipped fire gas mask, turnout gear, and other protective equipment depending on the situation.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION	None needed.
PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	None needed.
ENVIRONMENTAL PRECAUTIONS	Prevent from entering river or ocean since birds and fish may swallow.
METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP	Scoop or sweep into appropriate container for disposal.

7. HANDLING AND STORAGE

HANDLING	
TECHNICAL MEASURES	Wear suitable protective equipment.
PRECAUTIONS FOR SAFE HANDLING	Avoid contact with fire when handling since it may combust.
CONTACT AVOIDANCE	None needed.
STORAGE	
CONDITIONS FOR SAFE STORAGE	Keep in a cool, well-ventilated area and avoid direct sunlight.
SAFE PACKING MATERIAL	Paper bags, cardboard, and others.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

ENGINEERING CONTROL	Install local exhaust ventilation if gases were generated by molten resin. Ventilation is recommended for all operations.
PROTECTIVE EQUIPMENT	
BREATHING	Protective mask is recommended.
HAND	Protective gloves is recommended.
EYE AND FACE	Safety glasses are recommended.
SKIN AND BODY	Safety hat, safety shoes, protective clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Foam
COLOR	Dark gray
ODOR	Subtle smell
BOILING POINT OR INITIAL BOLING POINT AND RANGE	NA
FLAMMABILITY	Flammable
UPPER/LOWER EXPLOSIVE LIMIT	NA
FLAMMABILITY LIMITS	NA
FLASH POINT	NA
AUTO-IGNITION TEMPERATURE	NA
DECOMPOSITION TEMPERATURE	NA
pH	NA
KINEMATIC VISCOSITY	NA
VAPOR PRESSURE	NA
SPECIFIC GRAVITY	0.27
RELATIVE VAPOR DENSITY	NA
PARTICLE PROPERTIES	NA

10. STABILITY AND REACTIVITY

REACTIVITY	None known.
CHEMICAL STABILITY	Stable under normal temperature and pressure.
POSSIBILITY OF HAZARDOUS REACTIONS	NA
CONDITIONS TO AVOID	NA
INCOMPATIBLE MATERIALS	None known.
HAZARDOUS DECOMPOSITION PRODUCTS	NA

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	NA
PERSISTANCE AND DEGRADABILITY	NA
BIOACCUMULATIVE POTENTIAL	NA
MOBILITY IN SOIL	NA
HAZARD TO THE OZONE LAYER	NA

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	Dispose of in accordance with applicable federal, state, provincial, and local laws and regulations.
CONTAINER DISPOSAL	Same as above.

14. TRANSPORT INFORMATION

SPECIAL PRECAUTIONS FOR USER	
In order not to rip the package, avoid rough handling such as crushing or dropping.	
Avoid direct sunlight, heat, moisture, and overloading.	
Make sure to take measures not to collapse loads when transporting.	
Avoid piling up heavy load in order not to crush the box.	
DOMESTIC RESTRICTION	NA

15. REGULATORY INFORMATION

POLLUTANT RELEASE AND TRANSFER REGISTER (PRTR)	NA
INDUSTRIAL SAFETY AND HEALTH ACT	NA
POISONOUS AND DELETERIOUS SUBSTANCES CONTROL ACT	NA
FOREIGN EXCHANGE AND FOREIGN TRADE ACT	Export Trade Control Order Appended
FIRE SERVICE ACT	Table Article 1, Paragraph 16 Designated combustible items synthetic resins
WASTE MANAGEMRNT AND PUBLIC CLEANSING ACT	Waste plastics

16. OTHER INFORMATION

NA = Not Applicable

Technically, this SDS is not required since the material is classified as article. However, for safety use, we prepared this document based on our knowledge and SDS of employed material conforming to "JIS Z 7253 : 2019", which determined format of SDS.

- The information contained herein is not guaranteed as accurate or complete data.
- Values shown herein are representative values.
- The information contained herein is assumed to be used in normal conditions.
- No warranty is expressed or implied regarding the safety under special conditions and completeness of ecological effects.
- For safety use, please consider the proper handling of our product based on regulations and this data sheet before using.

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