

MATERIAL SAFETY DATA SHEET

PRODUCT: Dura- Bright
Opaque White, Black, Grey

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DATE 04/01/2023

 1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Product name : PP synthetic paper
 Chemical description : Polyolefin film
 Supplier : Grafix
 5800 Pennsylvania Ave, Maple Heights Ohio
 Emergency telephone : (216)-581-5784

 2.COMPOSITION /INFORMATION ON INGREDIENTS

CONTENT %	COMPOSITION
10~100	Polypropylene
0~90	Modifier
0~90	Filler
0~30	Other

 3.HAZARDS IDENTIFICATION

Health Hazardous Components : None

 4.FIRST AID MEASURES

Inhalation : Remove patient from exposure,keep warm and at rest.Obtain medical attention if ill effects occur.
 Skin Contact : Wash skin with water.
 Eye Contact : Irrigate with eyewash solution or clean water. Obtain medical attention if ill effects occur.
 Ingestion : Wash out mouth with water. Obtain medical attention if ill effects occur.
 Futher Medical Treatment : Symptomatic treatment and supportive therapy as indicated.

 5.FIRE FIGHTING MEASURES

Extinguishing Media : Foam,CO₂,dry powder,water spray.
 Special Fire Precaution: Respiratory and eye protection required for fire fighting personnel.
 Hazardous Combustion Product : Carbon Monoxide (CO) and Carbon Dioxide (CO₂).

 6.ACCIDENTAL RELEASE MEASURES

Personal precautions : It must put on respiratory protective when will combustion.
 Environmental precautions : To avoiding raise dust when will crushing.
 Methods for cleaning : 1.Sweep up spilled material and place in suitable containers for recycle or disposal.
 2.Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Handling : Sweep up spilled material and place in suitable containers for recycle or disposal.
Storage : Storage in a ventilation place.

8.EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering control measures/ventilation:

Local exhaust ventilation of process equipment may be needed to control aerosol exposures to below the recommended threshold exposure limit. See personal protection recommendations.

Personal protection :

- 1.Eye--- When film is crushed ,must wear safety glasses with side shields.
- 2.Body---Where contact may occur with hot materials,wear thermal resistant gloves,arm protection and a face shields.
- 3.Skin---In normal state,the skin contacts film to be no problem,but,When it is heated and cutted ,it must be protected.
- 4.Inhalation ---
 - A.While processing this material,adequate ventilation is required. The use of local exhaust ventilation is recommended to control process emissions near the source.
 - B.Where overexposure by inhalation may occur and engineering,work practice or other means of exposure reduction are not adequate,approved respirators may be necessary.

9.PHYSICAL AND CHEMICAL PROPERTIES

There are indicative values only and should not be regarded as product specification.

Physical state---Solid	Form---Sheet
Colour--- White	Odor---Odorless
PH value---Not applicable	Boiling point/Boiling point range---Not applicable
Decomposition temp.---300°C ↑	Flashpoint---330°C ↑
Autoignition temp.--- Not available	Explosive limits(in air vol%)--- Not available
Vapor pressure(kpa)--- Not available	Vapor density(g/cm ³)---air=1
Specific gravity---1.14~1.20	Solubility(in water)---Insoluble

10.STABILITY AND REACTIVITY

Stability---Stable

Hazardous reaction for special condition---High temperature burning will produce CO₂ and CO .

Conditions to avoid---To avoid high temperature burning.

Material to avoid(incompatability)---PET 、PVC and PS.

Hazardous decomposition product---Carbon dioxide(CO₂) and Ccarbon monoxide(CO).

11.TOXICOLOGICAL INFORMATION

Acute toxicity--- None.

Local effect--- None.

Acute--- None.

Chronic toxicity--- None.

Special effect--- High temperature burning will produce CO₂ and CO .

12.ECOLOGICAL INFORMATION

Ecotoxicity---Do not release to the environment,and it can be recycle.

13.DISPOSAL CONSIDERATIONS

Waste disposal method--- Sweep up spilled material and place in suitable containers for recycle or disposal in accordance with regulations.

14.TRANSPORT INFORMATION

Not classified as hazardous for transport .Dangerous according to transport regulations.

15.REGULATORY INFORMATION

Classification---Not classified as hazardous to users.

16.OTHER INFORMATION

This data sheet was prepared in accordance with directive product.

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