

MATERIAL SAFETY DATA SHEET



Product name: High Density Polyethylene (HDPE) Issue date: 01-2017

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: grinded and washed HDPE flakes from packaging waste

Company name: Aufderhaar Kunststof Recycling B.V.

Address: Havenstraat 9 / 7681 EA Vroomshoop

Phone no.: +31 (0) 546-433190

Recommended use: raw material suitable for HDPE compounding

Other names: HDPE flakes from post-consumer waste

2. HAZARD IDENTIFICATION

Hazard: not classified as hazardous

Classification: non-hazardous substance / non-dangerous goods

Possible danger: according the actual product knowledge no danger will occur to persons in situations of normal use.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: ingredients determined not to be hazardous

4. FIRST AID MEASURES

Inhalation: no specific measures

Ingestion: no specific measures

Skin: no specific measures

Eye: no specific measures

Advice to doctor: in the event of fire burning plastics may create skin burns. Treat with plenty of cold water, do not remove clothing (risk of adhesion to the skin).

5. FIRE FIGHTING MEASURES

Suitable

Extinguishing Media: fire extinguishing must be adapted to the environment. Water, dry extinguishing agents, foam.

Specific hazards: closed containers or trailers may build up pressure when exposed to heat and should be cooled with water spray.

Fire fighting in enclosed spaces: do not use water as extinguishing when electrical power is not switched-off and /or disconnected from the network.

Precautions in

Connection with fire: fire-fighters should wear full protective clothing and self-contained breathing apparatus operated in positive pressure mode

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6. ACCIDENTAL RELEASE MEASURES

After spilling: spilling material must be mopping up with suitable equipment (slipping hazard). Reuse in consideration. Otherwise remove to an approved disposal container, required by the site's trade waste agreement and/or State legislation.

7. HANDLING AND STORAGE

Precautions for

Safe handling: keep big-bags sealed when not in use. Establish good housekeeping practices. Maintain high standards of personal safety when moving.

Conditions for Safe

Safe storage: keep away from ignition sources & open fire. No further specific recommendations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure

Standards: no exposure standards have been established for this material, however, the National Occupation Health & Safety Commission exposure personal safety and work hygiene for this material.

Engineering

Controls: general room ventilation should be adequate.

General

Protection: no safety devices are required when in contact with the material.

Eye protection: safety glasses

Body protection: final choice of appropriate body protection will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: solid

Colour: jazz coloured

Odour: weak odour

Ignition

temperature: > 350 degrees Celsius (DIN51794)

Auto-ignition

Temperature: the material is not self-igniting. Will burn if involved in a fire but not considered to be a significant fire risk.

Explosion danger: the material is not explosive.

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10. STABILITY AND REACTIVITY

To avoid conditions: avoid all sources of ignition: heat, sparks, open fire.

Product Danger reactions: will not occur and is chemical stable.

Material hazardous: if the material is overheated, gaseous decomposition products can be released

11. TOXICOLOGICAL INFORMATION

The material is not toxic. No toxicology data available for this material.

12. ECOLOGICAL INFORMATION

The polymer is ecologically harmless, as long as the waste is properly disposed of according to applicable legal regulations. According to its chemical nature, the product is not Eco toxic and biologically difficult to remove.

13. DISPOSAL CONSIDERATIONS

The product can be burned or disposed in accordable combustion conditions in accordance with legal rules.

14. TRANSPORT INFORMATION

Not classified as a dangerous good, according the Dutch Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Non-identification according to EU-directives and national regulations

16. OTHER INFORMATION

The data sheet should be determined in the manufacture of flakes for the notifications and technical applications of essential physical security, toxicological and environmental data. It should be the following information of the industrial users of polymers. It is not provided for private consumers. The information is based on the knowledge of the date of issue.

They are not contractual warranties of product characteristics. The information given in the safety data sheet does not release the user from knowledge and compliance with the applicable health and other safety regulations.



Aufderhaar
Kunststof Recycling B.V.

...and waste will have a new life