

Your request:

1. What KW rating is the appliance = **200kw**
2. What fuel is used = **gas**
3. Does it have a secondary combustion chamber or after burner? If yes then what temp does it go up to and how long does it burn off gases for (the residence time). = **Incinerator up to 750 degrees c,**
4. What alarms does the oven have and what do they tell you = **over temperature and burner lock out**
5. How often and for how long is it used each week = **Between 3-5 days per week usually max 4hrs and dependant on production**
6. Is there any smoke during burn off?, what checks are done and are any records kept? = **Introduced a daily visual inspection form for when oven is in use and to be signed of by operator.**
7. How are the wastes, ash, dust handled and where are they stored = **The ashes from the process are swept or vacuumed up and disposed of in the general waste skip, which is removed from site by Coventry council for incineration.**
8. Does the oven have any abatement plant, filters etc = **No**
9. Has any emission testing ever been done from the oven stack? For particulate or organic compounds = **Awaiting quote from external company to test for TPM & Organic compounds – on site to quote 7/9/11**
10. Do you know the efflux velocity from the oven stack, the exit speed for the gases from the stack =

Product code: PHL8907

Material Safety Data Sheet (EU 1907/2006 REACH)

Revision Date: 25/Feb/2011

Print Date: 25/Feb/2011

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

Product name: POLY UB M GREY FTX S1
Product code: PHL8907
Recommended use: Powder Coating
Emergency telephone number: 44-121-322-6900
Manufacturer, importer, supplier: Valspar Powder Coatings
95 Aston Church Road
Birmingham B7 5RQ
United Kingdom
Phone: 44-121-322-6900
Fax: 44-121-322-6905
Email: sds-helpdesk@valspar-europe.com

2. HAZARDS IDENTIFICATION

Indication of danger:

Not dangerous according to EC criteria.

3. COMPOSITION/INFORMATION ON INGREDIENTS

For the full text of the R phrases mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

General

If symptoms persist, call a physician. Never give anything by mouth to an unconscious person.

Inhalation:

Move to fresh air. If victim is unconscious but breathing: Victim to lie down in the recovery position, cover and keep him warm. If not breathing, give artificial respiration. Obtain medical attention.

Skin:

Take off all contaminated clothing immediately. Wash off immediately with soap and plenty of water. Do NOT use solvents or thinners.

Eyes:

Remove contact lenses. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Keep eye wide open while rinsing.

4. FIRST AID MEASURES

Ingestion:

Keep at rest. If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

5. FIRE-FIGHTING MEASURES

The following actions are recommended

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire will produce dense black smoke containing hazardous combustion products (see heading 10). Wear self contained breathing apparatus for fire fighting if necessary. Cool containers / tanks with water spray.

Suitable extinguishing media

Alcohol-resistant foam
Carbon dioxide blanket
High pressure inert gas, e.g. carbon dioxide jet.
Water spray
Mist
Foam

Extinguishing media which must not be used:

High volume water jet

Minimum ignition energy:

5-20 mJ

Minimum explosible concentration (LEL):

20 - 70 g.m-3

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Exclude non essential personnel. Remove all sources of ignition. Ensure adequate ventilation. Do not breathe dust.

Environmental precautions:

Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up:

Use approved industrial vacuum cleaner for removal. Do not create a powder cloud by using a brush or compressed air.

7. HANDLING AND STORAGE

Handling:

Provide adequate ventilation. Keep container tightly closed. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin and eyes. When using, do not eat, drink or smoke. Store in original container. Avoid dust formation. Dust may form explosive mixture in air. Do not breathe dust.

Storage:

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Take notice of the directions of use on the label. Keep in a dry, cool and well-ventilated place. Keep away from direct sunlight.

Storage temperature: 10 - 30 C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits:**United Kingdom****Republic of Ireland****Engineering measures:**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Basic Personal Protection**Respiration**

Wear a positive-pressure supplied-air respirator.

Hand protection:

Wear suitable gloves and eye/face protection. Use protective skin cream before handling the product.

Skin:

Wear as appropriate: Flame retardant antistatic protective clothing Wear shoes with conductive soles.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes:

Wear as appropriate: Safety glasses with side-shields Goggles

Hygiene measures:

Do not use solvents or thinners to clean skin. When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

The OES for nuisance dust is 10 mg/m³ (total dust), 4 mg/m³ (respirable dust). Check local regulations in case different limits apply.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	powder
Specific Gravity	1.54
Boiling point/range	not determined°C
Flash point:	450°C c.c.
Sustains combustion:	yes

Minimum ignition energy: 5-20 mJ

Minimum explosible concentration (LEL): 20 - 70 g.m-3

10. STABILITY AND REACTIVITY

Stability:

Stable under normal conditions.

Conditions to avoid:

Stable under recommended storage conditions.

Materials to avoid:

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Hazardous decomposition products:

Hazardous decomposition products may be produced when the recommended processing temperatures or times are exceeded. Carbon monoxide Carbon dioxide (CO₂) Smoke nitrogen oxides (NO_x)

11. TOXICOLOGICAL INFORMATION

General

No data is available on the product itself.

Skin

Powder can cause localised skin irritation in folds of the skin or under tight clothing.

Inhalation

not determined

Ingestion

not determined

Eyes

not determined

12. ECOLOGICAL INFORMATION

Product Information

No data is available on the product itself.

Local pollution requirements may apply to the use of this product. Do not let product enter drains. Do not contaminate surface water.

13. DISPOSAL CONSIDERATIONS

Waste disposal methods:

Do not let product enter drains. Do not contaminate ponds, waterways or ditches with chemical or used container. Where possible recycling is preferred to disposal or incineration. Dispose of as special waste in compliance with local and national regulations.

European Waste Catalogue

08 02 01

14. TRANSPORT INFORMATION

ADR

Proper shipping name: NOT REGULATED

14. TRANSPORT INFORMATION

IMDG-Code

Proper shipping name: NOT REGULATED
Marine pollutant no

IATA-DGR

Proper shipping name: NOT REGULATED

15. REGULATORY INFORMATION

contains BIS(2,3-EPOXYPROPYL)TEREPHTHALATE, TRIS(OXIRANYLMETHYL)BENZENE-1,2,4-TRICARBOXYLATE
Indication of danger: Not dangerous according to EC criteria.

S-phrase(s)

S51 - Use only in well-ventilated areas.
S22 - Do not breathe dust.

Contains sensitising components

TRIS(OXIRANYLMETHYL)BENZENE-1,2,4-TRICARBOXYLATE, BIS(2,3-EPOXYPROPYL)TEREPHTHALATE

16. OTHER INFORMATION

Risk Phrases:

R43 - May cause sensitization by skin contact.

Risk Combination Phrases:

R36/38 - Irritating to eyes and skin.

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and EU guidelines. The product is not to be used for other purposes than those specified under Section 1 without first obtaining written instructions. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of the technical performance or suitability for particular applications.

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