

PVC beads for render, plaster & dry lining

SAFETY DATA SHEET ISSUE 11

ITEM 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING				
Product name	Renderplas PVC beads for render, plaster & dry lining.			
Labelling	All products are labelled with Renderplas and a corresponding product code.			
Company	Renderplas Ltd, No. 2, 70-72 High Street, Bewdley, DY12 2DJ, United Kingdom.			
Emergency phone	01299 888335 (24 hours).			
ITEM 2 HAZARDS IDENTIFICATION				
- Materials are not classified as hazardous. Not classified as harmful, and there should be no harmful effects or associated risks in normal use. - Swarf may be generated during sawing. - Misuse through overheating (over 279°C) will lead to thermal decomposition which will evolve toxic and corrosive gases and vapours.				
ITEM 3 COMPOSITION / INFORMATION ON INGREDIENTS				
Products contain polyvinyl chloride (PVC) polymer together with polyacrylate modifier, inert pigments and fillers, waxes and acetylacetonate stabilisers.				
Name	EC index no.	CAS registry no.	W/W%	Hazard phrases
Bis(Pentane-2,4-dionato)-Calcium <i>Not harmful below 1% W/W and when fused in solid form</i>	243-001-3	19372-44-2	<0.1%	H302, H317, H318, H319
Hydrogen Chloride	231-595-7	7647-01-0	0	H313, H331
ITEM 4 FIRST-AID MEASURES				
<i>Skin contamination</i> – Not considered a skin sensitiser but swarf from sawing being irregular and fairly hard particles can have an abrasive effect on the skin. This is particularly so where they can form a layer between the skin and clothing. [P302, P335] <i>Eye contamination</i> – In case of swarf or dust in eyes, rinse with water. [P305] <i>Inhalation</i> – Seek immediate medical attention. Treat as for choking if pieces are large. [P261, P304, P313] <i>Ingestion</i> – Do not induce vomiting. Drink 300ml of water at room temperature, pieces will travel normally through the digestive tract. Seek immediate medical attention if any unusual symptoms appear. [P330, P331]				
ITEM 5 EFFECT OF FIRE				
- Polyvinyl chloride will not introduce an additional hazard in respect of the behavior in fire of the rendered surface, does not readily support combustion, classified as self-extinguishing on removal of fire source; like most organic materials, it can be consumed by fire. - The major products of combustion/decomposition are carbon dioxide, carbon monoxide, hydrogen chloride and water vapour; inhalation must be avoided. [P260] - Highly corrosive hydrogen chloride is given off during combustion/degradation. Directly affected areas should be cleaned down with calcium carbonate (chalk, whiting) to remove corrosive decomposition on equipment etc. as soon as possible after the fire has been extinguished. [P284] - Extinguishing media [P374, P378] Dry powder, water mist, foam, carbon dioxide, earth, sand. Check for special circumstances e.g. live electrical equipment which may affect the choice of extinguisher. - Protective equipment [P371] In major fire situations, toxic and corrosive vapours will be evolved. Use self-contained breathing apparatus and acid resistant clothing.				
ITEM 6 SPILLAGE & LEAKAGE – ACCIDENTAL RELEASE MEASURES				
- Sweep up or vacuum clean off-cuts, swarf and dust. Take normal care as when sweeping waste and dust, damp down first if necessary. - Dispose of as ordinary waste where recycling is not possible.				

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ITEM 7 HANDLING & STORAGE
- Keep product away from heat, strong acids, acetal resin, flammable substances, alkali, oxidising agents; store horizontally in a clean dry area with adequate ventilation. - Normal manual handling precautions should be observed.
ITEM 8 OCCUPATION EXPOSURE LIMITS / PERSONAL PROTECTION
- Normal personal protection, gloves, eye protection, ventilation for handling construction materials. Do not inhale dust. [P261] - On thermal decomposition through fire, toxic vapours will be released: Hydrogen chloride, carbon monoxide. Do not inhale gas in fire. [P261] - Carbon monoxide and hydrogen chloride are toxic with occupational exposure standard of 20ppm and 1ppm respectively and inhalation must be avoided. [P260]
ITEM 9 PHYSICAL & CHEMICAL PROPERTIES
- Solid; odourless; not soluble in water (some plasticiser extraction may occur if immersed for long periods). - Time dependent decomposition. Softens at 130°C; slow decomposition at 200°C; full decomposition above 279°C releasing hydrogen chloride fumes. - Normally inert. The material will degrade in petrol and polar solvents releasing plasticisers.
ITEM 10 STABILITY & REACTIVITY
- If handled and stored in a sensible, normal way the product will not present a hazard or cause harmful effects. - The material is quite inert.
ITEM 11 TOXICOLOGICAL INFORMATION
- Inhalation of dust may cause respiratory irritation and coughing. [P261] - Dust in the eyes may cause temporary irritation. Wear eye protection. [P280] - LD50 rating >5000mg/kg.
ITEM 12 ECOLOGICAL INFORMATION
Ecologically benign; pollution in water course is non-hazardous.
ITEM 13 DISPOSAL CONSIDERATIONS
- Recycle if possible; disposal should be in accordance with local or national legislation. - Empty packaging should be recycled as cardboard (or as PVC for tube endcaps).
ITEM 14 TRANSPORT INFORMATION
Not classified as hazardous for transport; spillage on carriageway should be removed when safe.
ITEM 15 REGULATORY INFORMATION
PVC product does not normally present a danger to human health by inhalation, ingestion or contact with the skin in the form in which it is supplied. Such preparations do not require a hazard label under EU regulations.
ITEM 16 OTHER INFORMATION
- The above information describes the product only in terms of health and safety according to our current knowledge of the product, accurate at the date of issue. It does not form any part of a product specification or have any other purpose. Users may require training in its application. - Should the user require any further information they should contact Renderplas Ltd.

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