



PT. IndowijayaSaktiTeguh

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MATERIAL SAFETY DATA SHEET

PUFFIN THERMOPLAST AASTO 77

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Product –identity no : IW-PT77
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TRADE NAME : PUFFIN THERMOPLAST AASTO 77

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Identification of Substance or Preparation

Chemical description : THERMOPLAST ACRYLIC

Recommendation : POWDER PAINT

Company / Undertaking Identificaation Supplier

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2. HAZARD IDENTIFICATION

Classification of the substance or mixture GHS Classification : Not classified as dangerous for supply/use.

EC Classification: Not classified as dangerous for supply/use.

Hazards summary :Dust may cause irritation. Caution - spillages may be slippery. When used for abrasive blasting, this material can rebound or fragment into sharp particles which are hazardous to the eyes and skin. Noise is a major hazard in abrasive blasting processes. Abrasive blasting can generate heat, sparks, and static electrical charge.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Ingredient(s)	%W/W	CAS No.
Glass oxide; Glass	20-30	65997-17-3
Binder	12-18	68038-41-5
Plastisizer	3-10	
TIO2	3-10	3463-67
Innertexternder	30-80	1317-65-3

4. FIRST AID MEASURES

Description of first aid measures

1. **Eye contact** : Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. If symptoms persist, obtain medical attention.
2. **Inhalation** : In case of accident by inhalation: remove casualty to fresh air and keep at rest. If symptoms develop, obtain medical attention.
3. **Skin contact** : Wash affected skin with plenty of water. If symptoms occur obtain medical attention
4. **Ingestion** : Do not induce vomiting. Get immediate medical advice/attention.

Most important symptoms and effects, both acute and delayed

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5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : As appropriate for surrounding fire.

Unsuitable extinguishing media : None known

Specific hazards arising from the the substance or mixture: non - combustible.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Wear suitable protective clothing. Wear eye/face protection

Methods and material for containment and cleaning up : Caution - spillages may be slippery. Avoid generation of dust. Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal.

Reference to other sections : Not applicable.

7. HANDLING AND STORAGE

Precautions for safe handling : Avoid contact with eyes, skin and clothing. Avoid generation of dust. Wash thoroughly after handling. Wear protective equipment to comply with good occupational hygiene practice. Do not eat, drink or smoke at the work place.

Conditions for safe storage, including any incompatibilities : Keep container tightly closed and dry.

Specific end use(s) : Not applicable.

8. EXPOSURE CONTROL PERSONAL PROTECTION

Control parameters

SUBSTANCE.	Occupational Exposure Limits
Glass oxide; Glass	No Occupational Exposure Limit assigned. 15mg/m ³ total dust 5mg/m ³ respirable (Particulates Not Otherwise Regulated)

Exposure controls

Appropriate engineering controls : Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.

Personal Protection

Respiratory protection : Wear suitable respiratory protective equipment if working in confined spaces with inadequate ventilation or where there is any risk of the exposure limits being exceeded. Observe OSHA regulations for abrasive blasting (29 CFR 1910.94) respirator use (29 C.F.R. §1910.134).

Eye/face protection : Goggles.

Skin protection : Wear suitable protective clothing and gloves. For example cotton or rubber

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: Coarse white powder with pale yellow pallets

Softening Point: 105 + 5°C

Flash Point: > 230 C

Vapour Pressure: Not relevant Specific Gravity: 2 + 0.2

Flammability: Not relevant Solubility in Water:

Insoluble Other Properties:

Binder (pale yellow pallets) is soluble in solvents such as Toluene, Xylene and most Chlorinated Hydrocarbon

10. STABILITY AND REACTIVITY

Reactivity: Avoid contact with strong acids

Chemical Stability : Stable

Possibility of Hazardous reaction : Not applicable.

Conditions to avoid : Not applicable.

Hazardous Decomposition Products(s) : None known

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Ingestion : The acute oral toxicity of this product has not been tested. A similar material was nontoxic to rats at 5,000 mg/kg.

Inhalation : May cause irritation to the respiratory system.

Skin Contact: Dust may cause mechanical irritation.

Eye Contact : Dust may cause mechanical irritation.

Sensitisation : Not sensitising.

Carcinogenicity : There are no known reports of carcinogenicity of nonfibrous glass. Components are not listed by IARC, NTP or OSHA as carcinogens.

Reproductive toxicity:No evidence of reproductive toxicity or developmental toxicity.

12. ECOLOGICAL INFORMATION

Toxicity : No environmental hazards have been reported or known.

Persistence/degradability : This material is persistent but inert in aquatic systems. It will not bioconcentrate up the food chain.

Results of PBT and vPvB assessment : Not classified as PBT or vPvB

Other adverse effects: Not applicable

13. DISPOSAL CONSIDERATION

Waste treatment methods : Product as supplied: The waste is considered to be non hazardous. Disposal should be in accordance with local, state or national legislation. waterways, drains and sewers

14. TRANSPORT INFORMATION

Proper Shipping Name: NOT CLASSED AS DANGEROUS FOR TRANSPORT.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA Inventory Status: Reported/Included.

AICS Inventory Status: Reported/Included.

DSL/NDSL Inventory Status: Reported/Included.

There is no CERCLA Reportable Quantity for this material. Contains no SARA Title III, Section 313 notification chemical present at or above the de minimus concentration. German Water Hazard Classification VwVwS: WGK class 1 (low hazard to water). HMIS: 0,0,0

16. OTHER INFORMATION

This SDS was last reviewed: 01/2014 The following sections contain revisions or new statements: All sections.

EC Classification No. 67/548/EEC Not classified as dangerous for supply/use.

GHS Classification Not classified as dangerous for supply/use

NOTES

PT.INDOWIJAYA SAKTI TEGUH has a responsibility to take reasonable care for our own health and safety and the health and safety of others who may be affected by our acts or omissions. This M.S.D.S. at the date of issue has Health and Safety Information of the product, and how to safely handle and use this product in the workplace.

All information given is our best knowledge, and because we cannot anticipate or control the conditions of the end use of this products, prior to usage, each user must determine by reviewing this M.S.D.S, Safe Handling and usage of this products in the Workplace.

PT.INDOWIJAYA SAKTI TEGUH believe this information to be reliable, and in good faith, but no guarantees or warranties of any kind are made as to its accuracy, suitability to particulate applications due to variations in methods, conditions and equipment. When PT.INDOWIJAYA SAKTI TEGUH provides information and service involving skill, assistance, judgment, recommendations, and or advise this is done on the best of our knowledge only; information is not be relied upon.

Full scale testing and performance of the product is the responsibility of the end user. For further information or classification of certain points to ensure that the user has made a proper assessment and reasonable precautions have been applied, please contact PT.INDOWIJAYA SAKTI TEGUH.