



HIGH-PERFORMANCE EMI/RFI ABSORBER SHEETS 5790

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

Product Detail : 5790-ES31, 5790-ES47, 5790-ES48
 Application of the substance / the preparation: attaching EM absorber and noise suppression sheets on (part of) the noise sources.
 Manufacturer / supplier: Holland Shielding Systems B.V.
 Jacobus Lipsweg 124
 3316 BP Dordrecht
 the Netherlands
 Ph: +31(0)78- 204 90 00
 Fax: +31(0)78- 204 90 08
 www.hollandshielding.com
 info@hollandshielding.com

2. HAZARDS IDENTIFICATION

Hazard Risk Classification	No Effects Known
Label Elements Including Precautionary Statements	
Symbol	
Signal Word	No Effects Known
Hazard-Risk Statement	No Effects Known
Precautionary Statement	No Effects Known
Other Hazard and Risk which are not Included in the Classification Criteria(NFPA)	No Effects Known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Material Name	Components	CAS No.	Wt(%)
Iron	Fe	7439-89-6	70-80
Silicon	Si	7440-21-3	7-9
Aluminium	Al	7429-90-5	5-7
Poly(Hexamethylene Diisocyanate)	(1,6 – Diisocyanatohexane Homopolymer);	28182-81-2	5-10
3. Styrene-Ethylene/ Butylene-Styrene Polymer	-	-	5-10

4. FIRST AID MEASURES

Eye Contact	In case of contact wash with large amounts of low pressure water and obtain medical attention.
Skin Contact	In case of contact wash with large amounts of low pressure water and obtain medical attention.
Inhalation	None
Ingestion	None
Indication of immediate medical attention and notes for physician	None

5. FIREFIGHTING MEASURES

Flash Point(Method used)	No relevant data.
Flammable Limits	No relevant data.
Extinguishing Media	Water
Special Fire Fighting procedure	None
Unusual Fire and Explosion Hazards	None

6. ACCIDENTAL RELEASE MEASURES

Not Required

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7. HANDLING AND STORAGE

Steps to be taken in case material is released or Spilled	Clean up with a vacuum cleaner. Wear appropriate respiratory and protective equipment specified in section 8.
Precautions to be taken in handling and string	Store inside warehouse to avoid direct sun beam.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation	Chemical Fume Hood.
Eye Protection	Safety Glasses
Protective Gloves	Rubber gloves.
Other	Protective clothing or equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Exterior	Gray (In case of operating, should maintain the same color)
Odor	Odorless
Boiling Point	No relevant data.
Specific Gravity	3.0 ~ 4.5 g/cc
Melting Point	No relevant data.
Evaporation Rate	No relevant data.
Solubility in H2O	Negligible

10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to Avoid	None
Incompatibility (Material to Avoid)	Non
Hazardous Decomposition Products	None

11. TOXICOLOGICAL INFORMATION

Affect on eyes	No relevant data.
Affect on skin	No relevant data.
Acute oral affluence	No relevant data.
Acute inspiration affluence	No relevant data.
Anti-chronic affluence	No relevant data.
Chronic affluence	No relevant data.
Affect on next generation(reproductive toxic)	No influence.
Other special matters	No relevant data.

12. ECOLOGICAL INFORMATION

No relevant data.

13. DISPOSAL CONSIDERATIONS

Status of Regulation by Scrapped material Control Act	No relevant data.
Disposal Method	Reclamation.



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14. TRANSPORT INFORMATION

Classification and regulation according to "Shipping and Storage regulation on hazardous materials"	No current applicable regulations.
Other foreign classification and regulations regarding on transportation	No current applicable regulations.

15. REGULATORY INFORMATION

Industrial Safety and Health Act	No relevant data.
Hazardous Chemical Material Control Act	No current applicable regulations.

16. OTHER INFORMATION

Sources of Data

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