**Polymer Works, Hope Street**
**Dudley, West Midlands DY2 8RS**

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**http://www.advancedseals.co.uk**

# Material Safety Data Sheet / 01
# A354 Class O Acoustic Foam

8320
Certificate No. 11738-EMS-001
ISO 9001:2015 ISO 14001:2015

## *IMPORTANT INFORMATION*

A354 Acosutic Foam is an "article", not a chemical. It is not classified as dangerous under the Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP), Classification, Labelling, and Packaging of Chemical Regulations (CPL) & the UN' s Globally Harmonised System (GHS) , and therefore does not require a Safety Data Sheet. It is exempt from the requirements to register under REACH. As a service to our customers, however Advanced Seals and Gaskets Ltd. has produced this Material Safety Data Sheet

| ***1 - Identification of Substance / Preparation Product Code:*** | |
|---|---|
| Product Code | A354 Class O Acoustic Foam |
| Intended/Possible Product Use | Acoustic Engineering, Air Conditioning Duct Liner, Very High Fire Risk Mattresses & Pillows, Acoustic Enclosures, Acoustic Wall Panels, Anechoic Chambers |
| Manufacturer/Supplier | Advanced Seals & Gaskets Ltd |
| Address | Polymer Works |
| Phone Number | +44 (0) 1384 252555 |
| Fax Number | +44 (0) 1384 252373 |

| ***2 - Hazards Identification*** |
|---|
| A354 foam is not known to be a skin irritant. |
| A354 foam dust can cause eye irritation. |
| A354 foam dust generated from such operations as continuous grinding or buffing can create nuisance particulates, this can cause irritation to the respiratory tract or even lung infection, airway obstruction and fibrosis. |
| The Control of Substances Hazardous to Health Regulations (COSHH), includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m³ 8-hour TWA of inhalable dust or 4 mg.m³ 8-hour TWA of respirable dust. |

| ***3 - Composition / Information On Ingredients*** |
|---|
| Poly-addition products of isocyanates, polyols and water. Controlled by catalysts, stabilizers and other substances resulting in cellular polyurethane foams which are then post treated with flame retardants, particulate fillers and polymeric binding agent.<br>A354 cellular foams as supplied do not contain any residual di-isocyanate |

| ***4 - First Aid Measures*** | |
|---|---|
| Inhalation | No adverse effects anticipated |
| Skin contact | Wash off any foam dust. |
| Eye contact | In case of dust particle contact with eyes, rinse immediately with plenty of water until irritation subsides. If necessary seek medical advice. |
| Ingestion | Consult physician if coughing, discomfort, or obstruction of air passage occurs |

| ***5 - Fire Fighting Measures*** | |
|---|---|
| General hazard | Under extreme temperatures A354 Acoustic Foam will decompose and omit toxic gases. In the event of a fire, evacuate premises immediately and call the Fire Brigade. Avoid inhalation of smoke and gases. |
| Extinguishing media | To suit local surroundings (e.g. water, carbon dioxide, foam, dry powder) |

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# Material Safety Data Sheet / 02
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| | |
|---|---|
| Special exposure hazards | Decomposition products released in a fire, (e.g. carbon black, carbon monoxide, carbon dioxide oxides of nitrogen, hydrogen cyanide), should be considered toxic if inhaled. |
| Protective equipment | Wear self-contained breathing apparatus. |
| Further information | Avoid run-off water entering the drains (e.g. use barriers). |

| ***6 - Accidental Release Measures*** | |
|---|---|
| Methods for cleaning up | Pickup and sweep up as for any other inert material |
| Environmental considerations | Do not allow to get into waste water or waterways. |
| 7 - Handling & Storage | . |
| Advice on safe handling | Handle in accordance with good hygiene and safety practice. |
| Storage conditions | No special conditions required, but ideally to be stored in dry conditions. |
| Further information | Keep foam away from sparks, naked lights, open flames, exposed electrical elements, or other ignition sources. Smoking should be forbidden in areas where material is stored or processed. |
| 8 - Exposure Controls / Personal Protection | . |
| Protective Equipment | Unless exposure to foam dust is anticipated, dust masks, goggles, and gloves are not required. |
| Ventilation | Mechanical ventilation should be considered in operations that generate large quantities of foam dust. |

| ***9 - Physical & Chemical Properties*** | | | |
|---|---|---|---|
| Physical form | Cellular foam. | | |
| Colour | Dark grey | | |
| Odour | Faint, characteristic | | |
| General Flammability | BS EN 13501-1 | Euroclass B-s1,d1 | |
| | Fire Propagation Index | <12 | BS 476 pt 6 |
| | Surface Spread of Flame | Class "1" | BS 476 pt 7 |
| | Building Regs. 1991 (Fire Safety) | Class "O" | BS 476 pt 6 & pt 7 |
| | Operating Temperature | -30 to 100°C | |
| | UL94 Classification | 94 V-0 UL 94 | |
| | Surface Burning Behaviour | Class A | ASTM E84-95 |
| Density | > 90 kg/M3 BS EN ISO 845 | | |

| ***10 - Stability & Reactivity*** | |
|---|---|
| Stability | Stable under normal conditions of handling. |

| ***11 - Toxicological Information*** | |
|---|---|
| General Information | No harmful effects have been reported to date |

| ***12 - Ecological Information*** | |
|---|---|
| Degradability | Almost inert |

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# Material Safety Data Sheet / 03
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| ***13 - Disposal Considerations*** | |
|---|---|
| Advice on disposal | Under EU Environmental Regulations and Directives, there are no special requirements for the disposal of A354 Acoustic Foam. |
| Further information | Various methods are available for the recycling of uncontaminated A354 Acoustic Foam including, crumbed or shredded or rebonded to produce reconstituted foam. |

| ***Change Control Date*** | ***Change*** |
|---|---|
| 16/06/2020 | Created |