

**Attachment No.2 - Standardized notes annotated to IMSBC SOC****1. Related Solid bulk cargoes**

| <b>Bulk Cargo Shipping Name</b>  | <b>Note</b> |
|--|-------------|
| ALUMINIUM FERROSILICON POWDER UN 1395  | 3           |
| ALUMINIUM SILICON POWDER, UNCOATED UN 1398   | 3           |
| ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS UN 3170                      | 3           |
| AMMONIUM NITRATE BASED FERTILIZER UN 2067  | 3           |
| AMMONIUM NITRATE BASED FERTILIZER UN 2071  | 3           |
| AMMONIUM NITRATE BASED FERTILIZER MHB  | 10          |
| AMMONIUM NITRATE UN 1942   | 3           |
| BROWN COAL BRIQUETTES  | 11          |
| CASTOR BEANS or CASTOR MEAL or CASTOR POMACE or CASTOR FLAKE UN 2969                           | 5           |
| CHARCOAL   | 8           |
| COAL   | 11          |
| COPRA (dry) UN 1363  | 3           |
| DIRECT REDUCED IRON (B) Lumps, pellets, cold-moulded briquettes                                | 12          |
| DIRECT REDUCED IRON (C) (By-product fines)   | 12          |
| FERROSILICON UN 1408 with 30% or more but less than 90% silicon (including briquettes)         | 3           |
| FERROUS METAL BORINGS, SHAVINGS, TURNINGS or CUTTINGS UN 2793 in a form liable to self-heating | 3           |
| IRON OXIDE, SPENT or IRON SPONGE, SPENT UN 1376 obtained from coal gas purification            | 3           |
| SEED CAKE, containing vegetable oil UN 1386 (a) mechanically expelled seeds,                   | 3, 9        |
| SEED CAKE, containing vegetable oil UN 1386 (b) solvent extraction and expelled seeds,         | 3           |
| SEED CAKE UN 2217 with not more than 1.5% oil and not more than 11% moisture                   | 3           |
| SULPHUR UN 1350 (crushed lump and coarse grained)  | 3, 7        |
| WOODCHIPS  | 1           |
| ZINC ASHES UN 1435   | 3           |
| AMMONIUM NITRATE BASED FERTILIZER (non-hazardous)  | 10          |
| CHOPPED RUBBER AND PLASTIC INSULATION  | 2           |
| COARSE CHOPPED TYRES   | 2           |
| GRANULATE TYRE RUBBER  | 2           |
| PEANUTS (in shell)   | 3           |
| SAND   | 4           |
| COAL   | 11          |
| METAL SULPHIDE CONCENTRATES  | 6           |
| METAL SULPHIDE CONCENTRATES, CORROSIVE UN 1759   | 6           |
| METAL SULPHIDE CONCENTRATES, SELF-HEATING UN 3190  | 3           |

## 2. Details of each Note

| Note | Contents   |
|------|--|
| 1    | Cargoes whose moisture content is less than 15% shall not be carried.  |
| 2    | When the planned interval between the commencement of loading and the completion of discharge of this cargo exceeds 5 days, fixed gas fire extinguishing system for cargo holds is to be installed.  |
| 3    | Bulkheads forming boundaries between cargo spaces and machinery spaces of Category A are to be insulated to "A-60" class standard, otherwise this cargo shall be stowed at least 3m horizontally away from engine room boundaries.   |
| 4    | For "Industrial sand coated with resin", bulkheads forming boundaries between cargo spaces and machinery spaces of Category A are to be insulated to "A-60" class standard, otherwise this cargo shall be stowed at least 3m horizontally away from engine room boundaries.  |
| 5    | CASTOR MEAL, CASTOR POMACE, CASTOR FLAKE shall not be carried in bulk.   |
| 6    | Fixed Fire Extinguishing System for cargo hold may be exempted when this cargo does not exhibit any self-heating, flammability or water-reactive flammability hazards in accordance with the MHB tests and classification criteria contained in the IMSBC Code.  |
| 7    | Fine grained sulphur(flowers of sulphur) shall not be transported in bulk.   |
| 8    | Charcoal in class 4.2 shall not be carried in bulk.  |
| 9    | To be carried in bulk only with special permission from the competent authority.   |
| 10   | If bulkheads forming boundaries between cargo spaces and machinery spaces of Category A are not insulated to "A-60" class standard, the cargo shall be stowed out of direct contact with a metal engine-room boundary. This may be done, for example, by using flame-retardant bags containing inert materials or by any equivalent arrangement approved by the competent authority. |
| 11   | Not to be stowed adjacent to heated ship structures including tanks, double bottoms and pipes where the surface temperature is liable to exceed 55°C (see also MSC.1/Circ.1351).   |
| 12   | Loaded cargo spaces are to be inerted and correctly sealed.  |

※ Above notes are only applicable, where the list of cargoes permitted to be carried are annotated. And other notes may be entered in IMSBC SOC, as necessary, in addition to above.