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HANDLING OF TIN STABILIZER

A FEW TIPS



TIN STABILIZERS HAVE BEEN

Safely used for decades in the Vinyl processing industry. Tin stabilizers become bound in the polymer matrix during the manufacturing process that forms useful and important Vinyl products such as packaging, pipes, siding and profiles. However, the handling of tin stabilizers requires some precautions.

MATERIAL SAFETY DATA SHEETS (MSDS)

- ✓ Always read and understand the product MSDS before handling any tin stabilizers. (Note: The safety tips in this poster are merely intended as a brief summary of general product information and safety tips to be followed in handling tin stabilizers. It is not a substitute for reading and understanding the MSDS for the particular tin stabilizer products you may be handling. MSDS's should always be relied upon as the principle and controlling source of critical safety information concerning any particular product.)
- ✓ Use the appropriate glove and respirator types referenced in the MSDS
- ✓ When opening a container, cleaning a spill or taking care of a leak, wear proper eye and skin protection as specified in the MSDS.

TIN STABILIZERS MAY

- ✓ Cause skin and eye irritation
- ✓ Create redness of the skin on prolonged exposure
- ✓ Be harmful if ingested
- ✓ Cause gastrointestinal irritation and nausea

STORAGE AND HANDLING

- ✓ Keep container sealed when not in use.
- ✓ Avoid exposure to moisture
- ✓ When stored in a warm location volatile components can accumulate in the head space of a container:
 - Open containers slowly. Allow all inside pressure to gradually escape prior to fully opening. Wear eye protection.
 - Open only in well ventilated areas otherwise wear appropriate respiratory protection.
- ✓ In the unlikely event of a spill from semi-bulk container or drum, be prepared:
 - Have cleanup materials assembled in a known and marked area.
 - Have available absorbent material complying with local regulations. While cleaning up a spill, wear suitable protective clothing, eye protection and gloves. If vapors are present, wear a respirator. If absorbent is dusting, wear a dust mask.

HAVE A LEAKING CONTAINER?

- ✓ If a drum is leaking at the bottom, be sure all bungs are tight and then carefully invert the drum.
- ✓ If a semi-bulk container (tote) is only partially full, tipping on an angle with proper support may stop the material loss until remaining material is transferred to a recovery drum.
- ✓ A good suggestion: Keep one or two empty totes available for use as receptacles for emergency transfer of contents from a leaking container.
- ✓ A clean, safe workplace is up to all of us.

FIRST AID

- ✓ Flush contaminated eyes or skin with clear water for 15 minutes.
- ✓ Use soap and water on skin, or waterless cleaner.
- ✓ If overcome by vapors, move to fresh air and immediately seek medical attention.
- ✓ Seek medical attention if irritation or other symptoms persist.

The Tin Stabilizers Association (TSA) and its member companies promote the safe use and handling of tin based materials. [www.tinstabilizers.org]

