

Safe Handling of Organic Peroxides Advice

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1) Organic peroxide is oxidizing and flammable material which must be handled with care. Keep container in a cool well ventilated place. Keep packaging closed when not in use. Avoid any exposure to heat, sparks, open flame, or any other ignition source. Avoid contact with rust. Keep away from chemicals such as reducing agents, heavy metal compounds, metal soaps, driers and accelerators. Do not weigh out in the storage room. Keep the temperature strictly according to the product label.



2) Risk of explosion: Never mix peroxides directly with accelerators or other reducing agents, must add them into the resin separately.

3) Peroxides should be stored in original container. Do not return peroxide residues to the storage container but collect them carefully. The violent decomposition will happen if it contact with rust, dust, ash, accelerators and many other chemicals.

4) Wear safety gloves and goggles while handling peroxides even if the diluted product may cause rot of skin or eyes.

Smoking are strictly prohibited in workshop or warehouse!



EMERGENCY

Eye Contact: Wash with plenty of water for at least 10-15 minutes (occasionally lifting the upper and lower eyelids). Seek medical advice.

Ingestion: Wash mouth treat with water added with charcoal pieces. Seek medical advice.

Skin Contact: Wash with plenty of water (soap water advised) or shower. and then treat with a lanolin-based ointment. Remove contaminated clothing and shoes. Get medical attention.

Small Spill: Mix with inert material (such as vermiculite or clean sands). Remove the mixture to a safe place. Flush the remainder with water.

Large Spill: Avoid contact with any ignition sources and flammable materials. Use water spray to reduce vapors and keep substance damp. Do not use metal tools or equipments. Prevent substance entry into sewers, basements or confined areas, dike if needed. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Small Fire: Extinguish a small fire with powder or carbon dioxide, and apply water to prevent re-ignition.

Big Fire: Extinguish a big fire with large amounts of water, applied from a safe distance at least 15m. Call for fire department.

For more details, please refer to the MSDS.

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