

Aerosol Tire Sealer/Inflators

Aerosol tire sealer/inflators have been used by large numbers of motorists each year and an undetermined number of tires now on the road, which have been filled with these devices, may have combustible gases in their air chambers.

Please read carefully and make sure all your employees read the attached publications that have been approved and distributed by the Rubber Manufacturers Association and the National Highway Safety Administration.

TIRE OR RIM REPAIR SAFETY BULLETIN

FACTS YOU SHOULD KNOW...



It is difficult to determine whether a tire has been inflated with a flammable aerosol type tire sealer/inflator. Therefore, if your establishment repairs or works on rims or on pressurized, rim-mounted tires, you should handle all of them as if they contain a flammable tire sealer-inflator.

The gases in the sealer/inflator, which can be poisonous, are combustible inside the tire. An explosion can occur if ANY ignition source is present. Even the insertion of a plug into a steel-belted tire could cause an explosion!



Proper safety precautions to avoid ignition of flammable gases **MUST** be followed during the repair or maintenance of ALL tires or rims.

Failure to follow these precautions and procedures may result in serious or even fatal injury.

PRECAUTIONS YOU SHOULD TAKE...



All tires should be handled as if a flammable tire sealer has been used. Do not rely upon the customer, even if he advises you that one has not been used. Customers may neglect to tell you or even may have forgotten they used a sealer/inflator.



Always make sure that the repair area is well-ventilated so that any gases that are present will not accumulate.



Never weld or use a cutting torch on a wheel or rim without first completely removing the tire from the rim. Otherwise, explosions resulting in possible serious or fatal injury can occur, even in the absence of flammable sealer/inflator.



Do not use a tire rasp, plug or any object which could cause sparks on a tire or rim without first completely removing the tire from the rim. These ignition sources could lead to an explosion.



Do not permit smoking or any flame, spark or other ignition source in the area where tires or rims are being kept.



Never add air to a tire treated with a flammable sealer/inflator without completely removing the flammable gas. Air added to a tire containing flammable gas may make it more explosive.

BEFORE BEGINNING REPAIRS OR SERVICE ON ANY RIM OR TIRE, YOU SHOULD ALWAYS FOLLOW THESE SAFETY PROCEDURES:

Remove the valve stem completely to release the tire pressure in a well-ventilated area, away from sparks or other ignition sources.

After the pressure has been released and before making any repairs, remove the tire from the wheel rim.



If you believe a sealer/inflator has been used, wash the inside of the tire with a detergent/water solution and rinse thoroughly. Allow the tire to dry before repairs are made.