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hydrogen, acetyl, ethylcarbamoyl, 2,4-bis(dibutylamino)-striazinyl, 2,4-bis(diethylamino)-s-triazinyl, s-triazinyl substituted twice by T₁-butylamino or s-triazinyl substituted once by diethylamino or dibutylamino and once by T_1 -butylamino, R_{17} is dibutylamino, diethylamino, or T_3 5 where R_{18} is acetyl or ethylcarbamoyl.

Especially preferred compounds of formula (20) are those where R_{19} is hydrogen, octadecanoyl or hexadecanoyl.

Especially preferred compounds of formula (21) are those where R_{20} is succinyl, glutaryl, adipoyl or sebacoyl.

Especially preferred compound of formula (30) is that where R_{29} is heptadecyl.

The instant invention also pertains to a polymer composition containing an effective stabilizing amount of one or more compounds selected from the compounds of formula (1) to formula (30) as described above.

Preferably, the organic material is a natural, semisynthetic or synthetic polymer, especially a thermoplastic polymer.

Most preferably, the polymer is a polyolefin, especially a thermoplastic polyolefin useful in automotive coatings and applications or a urethane based automotive coating.

The compounds of this invention exhibit superior hydroresistance to extractability when present in a stabilized composition.

In general polymers which can be stabilized include

1. Polymers of monoolefins and diolefins, for example methylpent-1-ene, polyisoprene or polybutadiene, as well as polymers of cycloolefins, for instance of cyclopentene or norbornene, polyethylene (which optionally can be crosslinked), for example high density polyethylene sity polyethylene (LLDPE), branched low density polyethylene (BLDPE).

Polyolefins, i.e. the polymers of monoolefins exemplified in the preceding paragraph, preferably polyethylene and polypropylene, can be prepared by different, and especially 40 by the following, methods:

a) radical polymerisation (normally under high pressure and at elevated temperature).

b) catalytic polymerisation using a catalyst that normally contains one or more than one metal of groups IVb, Vb, VIb 45 or VIII of the Periodic Table. These metals usually have one or more than one ligand, typically oxides, halides, alcoholates, esters, ethers, amines, alkyls, alkenyls and/or aryls that may be either π - or σ -coordinated. These metal complexes may be in the free form or fixed on substrates, 50 typically on activated magnesium chloride, titanium(III) chloride, alumina or silicon oxide. These catalysts may be soluble or insoluble in the polymerisation medium. The catalysts can be used by themselves in the polymerisation or further activators may be used, typically metal alkyls, metal 55 or AES polymers. hydrides, metal alkyl halides, metal alkyl oxides or metal alkyloxanes, said metals being elements of groups Ia, IIa and/or IIIa of the Periodic Table. The activators may be modified conveniently with further ester, ether, amine or silyl ether groups. These catalyst systems are usually termed Phillips, Standard Oil Indiana, Ziegler (-Natta), TNZ (DuPont), metallocene or single site catalysts (SSC).

2. Mixtures of the polymers mentioned under 1), for example mixtures of polypropylene with polyisobutylene, polypropylene with polyethylene (for example PP/HDPE, 65 PP/LDPE) and mixtures of different types of polyethylene (for example LDPE/HDPE).

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3. Copolymers of monoolefins and diolefins with each other or with other vinvl monomers, for example ethylene/ propylene copolymers, linear low density polyethylene (LLDPE) and mixtures thereof with low density polyethylene (LDPE), propylene/but-1-ene copolymers, propylene/ isobutylene copolymers, ethylene/but-1-ene copolymers, ethylene/hexene copolymers, ethylene/methylpentene copolymers, ethylene/heptene copolymers, ethylene/octene copolymers, propylene/butadiene copolymers, isobutylene/ isoprene copolymers, ethylene/alkyl acrylate copolymers, ethylene/alkyl methacrylate copolymers, ethylene/vinyl acetate copolymers and their copolymers with carbon monoxide or ethylene/acrylic acid copolymers and their salts (ionomers) as well as terpolymers of ethylene with propylene and a diene such as hexadiene, dicyclopentadiene or ethylidene-norbornene; and mixtures of such copolymers with one another and with polymers mentioned in 1) above, for example polypropylene/ethylene-propylene copolymers, LDPE/ethylene-vinyl acetate copolymers (EVA), LDPE/ ethylene-acrylic acid copolymers (EAA), LLDPE/EVA, LLDPE/EAA and alternating or random polyalkylene/ carbon monoxide copolymers and mixtures thereof with other polymers, for example polyamides.

4. Hydrocarbon resins (for example C₅-C₉) including lytic stability, handling and storage stability as well as good 25 hydrogenated modifications thereof (e.g. tackifiers) and mixtures of polyalkylenes and starch.

> 5. Polystyrene, poly(p-methylstyrene), poly(α methylstyrene).

6. Copolymers of styrene or α -methylstyrene with dienes or polypropylene, polyisobutylene, polybut-1-ene, poly4- 30 acrylic derivatives, for example styrene/butadiene, styrene/ acrylonitrile, styrene/alkyl methacrylate, styrene/butadiene/ alkyl acrylate, styrene/butadiene/alkyl methacrylate, styrene/maleic anhydride, styrene/acrylonitrile/methyl acrylate; mixtures of high impact strength of styrene copolymers (HDPE), low density polyethylene (LDPE), linear low den- 35 and another polymer, for example a polyacrylate, a diene polymer or an ethylene/propylene/diene terpolymer; and block copolymers of styrene such as styrene/butadiene/ styrene, styrene/isoprene/styrene, styrene/ethylene/ butylene/styrene or styrene/ethylene/propylene/styrene.

> 7. Graft copolymers of styrene or α -methylstyrene, for example styrene on polybutadiene, styrene on polybutadiene-styrene or polybutadiene-acrylonitrile copolymers; styrene and acrylonitrile (or methacrylonitrile) on polybutadiene; styrene, acrylonitrile and methyl methacrylate on polybutadiene; styrene and maleic anhydride on polybutadiene; styrene, acrylonitrile and maleic anhydride or maleimide on polybutadiene; styrene and maleimide on polybutadiene; styrene and alkyl acrylates or methacrylates on polybutadiene; styrene and acrylonitrile on ethylene/ propylene/diene terpolymers; styrene and acrylonitrile on polyalkyl acrylates or polyalkyl methacrylates, styrene and acrylonitrile on acrylate/butadiene copolymers, as well as mixtures thereof with the copolymers listed under 6), for example the copolymer mixtures known as ABS, MBS, ASA

> 8. Halogen-containing polymers such as polychloroprene, chlorinated rubbers, chlorinated or sulfochlorinated polyethylene, copolymers of ethylene and chlorinated ethylene, epichlorohydrin homo- and copolymers, especially polymers of halogen-containing vinyl compounds, for example polyvinyl chloride, polyvinylidene chloride, polyvinyl fluoride, polyvinylidene fluoride, as well as copolymers thereof such as vinyl chloride/vinylidene chloride, vinyl chloride/vinyl acetate or vinylidene chloride/vinyl acetate copolymers.

9. Polymers derived from α,β-unsaturated acids and derivatives thereof such as polyacrylates and polymethacrylates;