Page 1/5

Revised On 01/10/2024

| Identification of the substance and manufacturer | | | |
|---|---|----------------------------------|--|
| Trade name: | rade name: DULL ALUMINUM METALLIC LACQUER | | |
| Product code: Recommended use: Uses advised against: Manufacturer/Supplier: Emergency telephone number: | 0000160132Paint and coatings application.Any that differs from the recommended use.Seymour of Sycamore917 Crosby AvenueSycamore, IL 60178 USAphone: 815-895-9101www.seymourpaint.com1-800-255-3924 | Suite 503 CANADA -435-4482 | |
| | | | |
| 2 Hazard(s) identification | | | |
| Classification of the substance or m Flammable Aerosols 1 Gases under Pressure - Liquefied gas Skin Irritation 2 Eye Irritation 2A Toxic to Reproduction 1B Specific Target Organ Toxicity - Single Specific Target Organ Toxicity - Repea Additional information: GHS Hazard pictograms | H222 Extremely flammable aerosol. H280 Contains gas under pressure; may explode if heated. H315 Causes skin irritation. H319 Causes serious eye irritation. H360 May damage fertility or the unborn child. H336 May cause drowsiness or dizziness. Ated Exposure 2 H373 May cause damage to organs through prolonged or repeated exposu to the unborn child. | re. | |
| Signal word Hazard statements | GHS02 GHS04 GHS07 GHS08 Danger Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. | | |
| Precautionary statements | May damage fertility or the unborn child. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Obtain special instructions before use. Keep away from heat/sparks/open flames/hot surfaces No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if pr easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. If eye irritation persists: Get medical advice/attention. Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents/container in accordance with local/regional/national/international regu | | |

3 Composition/information on ingredients Chemical characterization: Mixtures

| Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions. | | | |
|--|-----------------------|--|----------|
| | Dangerous components: | | |
| | Acetone | | 25-50% |
| 108-88-3 | Toluene | | ≥15-<20% |
| | propane | | 15-25% |
| 123-86-4 | butyl acetate | | 10-15% |
| 106-97-8 | n-butane | | 5-10% |
| | VM&P Naphtha | | 1-5% |
| 7429-90-5 | Aluminum flake | | 1-5% |
| 110-19-0 | Isobutyl Acetate | | 1-5% |
| 64742-47-8 | Mineral Spirits | | 1-5% |
| | • | | • |

- **4 First-aid measures**
 - After inhalation:

(Contd. on page 2)

Revised On 01/10/2024

| After skin contact: Immediately wash with water and soap and rinse thoroughly. After eye contact: Remove contaminated clothing. Wash exposed area with soap and water. After swallowing: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Rinse out mouth and then drink plenty of water. Rinse out mouth and then drink plenty of water. Most important symptoms and effects: Dizziness Indication of any immediate medical attention needed: No further relevant information available. 5 Fire-fighting measures CO2, extinguishing powder or water spray. Fight larger fires with water spray. Extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray. Can form explosive gas-air mixtures. A respiratory protective device may be necessary. 6 Accidental release measures Vear protective equipment. Keep unprotected persons away. Yere contaminated for containment and cleaning up: Ensure adequate ventilation. Dispose contaminated material as waste according to section 13. Precautions for safe handling 7 Handling and storage Precautions for safe handling Use only in well ventilated areas. | | | |
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| effects: Dizziness indication of any immediate model: No further relevant information available. 5 Fire-fighting measures CO2, extinguishing powder or water spray. Fight larger fires with water spray. Special hazards: CO2, extinguishing powder or water spray. Fight larger fires with water spray. Special hazards: CO2, extinguishing powder or water spray. Fight larger fires with water spray. Special hazards: A respiratory protective device may be necessary. 6 Accidental release measures Wear protective device against the effects of fumes/dust/aerosol. Personal precautions, protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol. containment and cleaning up: Dispose contaminated material as waste according to section 13. 7 Handling and storage Use only in well ventilated areas. Reposure controls/personal protection Concents Components with limit values that require monitoring at the workplace: CF-44-1 Acciden 7HEL (USA) Long-term value: 200 ppm LUSA Storage requirements: Storage point 100 eBas Totoren Storage point 111 (USA) Short-term value: 200 ppm Method point 112 (USA) Long-term value: 200 ppm </th <th>After eye c After swall</th> <th>contact: lowing:</th> <th>Remove contaminated clothing. Wash exposed area with soap and water. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Rinse out mouth and then drink plenty of water.</th> | After eye c After swall | contact: lowing: | Remove contaminated clothing. Wash exposed area with soap and water. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Rinse out mouth and then drink plenty of water. |
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| TLV (USA) Short-term value: 500 ppm Long-term value: 250 ppm A4, BEI 108-88-3 Toluene PEL (USA) Long-term value: 200 ppm Ceiling limit value: 300, 500° ppm *10-min peak per 8-hr shift REL (USA) Short-term value: 375 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm BEI, OTO, A4 74-98-6 propane PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm REL (USA) Long-term value: 1800 mg/m³, 1000 ppm TLV (USA) Long-term value: 1800 mg/m³, 1000 ppm REL (USA) Long-term value: 1800 mg/m³, 1000 ppm REL (USA) Long-term value: 1800 mg/m³, 1000 ppm REL (USA) Long-term value: 710 mg/m³, 1000 ppm TLV (USA) Issee Appendix F Minimal oxygen content (D, EX) 123-86-4 butyl acetate PEL PEL (USA) Short-term value: 710 mg/m³, 150 ppm REL (USA) Short-term value: 50 op/m³, 200 ppm Long-term value: 150 ppm Long-term value: 50 op/m³, 200 ppm TUV (USA) Short-term value: 150 ppm 106-97-8 n-butane REL (USA) REL (USA) Long-term value: 1000 mg/m³, 800 ppm TLV (USA) Short-term value: 1000 ppm (T) REL (USA) Long-term value: 1000 ppm (T) 7429-90-5 Aluminu | Componen | nts with limit values that r | tection |
| Image: | Componen 67-64-1 Ac | nts with limit values that r | rection require monitoring at the workplace: |
| PEL (USA) Long-term value: 200 ppm Ceiling limit value: 300; 500° ppm *10-min peak per 8-hr shift REL (USA) Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm TLV (USA) Long-term value: 20 ppm BEI, OTO, A4 74-98-6 propane PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm TLV (USA) see Appendix F Minimal oxygen content (D, EX) 123-86-4 butyl acetate PEL (USA) PEL (USA) Long-term value: 950 mg/m³, 150 ppm REL (USA) Long-term value: 900 pg/m³, 100 ppm Long-term value: 500 ppm Long-term value: 150 ppm TLV (USA) Short-term value: 50 ppm TUV (USA) Long-term value: 1900 mg/m³, 800 ppm TLV (USA) Long-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1000 ppm TLV (USA) Short-term value: 1000 ppm TLV (USA) Short-term value: 15°, 5** mg/m³ 7429-90-5 Aluminum flake PEL (USA) PEL (USA) Long-term value: 15°, 5** mg/m³ | Componen 67-64-1 Ac PEL (USA) | nts with limit values that r etone Long-term value: 2400 mg | rection require monitoring at the workplace: g/m³, 1000 ppm |
| Ceiling limit value: 300, 500* ppm *10-min peak per 8-hr shift REL (USA) Short-term value: 375 mg/m³, 100 ppm Long-term value: 20 ppm BEI, OTO, A4 74-98-6 propane PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm REL (USA) Long-term value: 1800 mg/m³, 1000 ppm TLV (USA) Long-term value: 1800 mg/m³, 1000 ppm TLV (USA) Long-term value: 1800 mg/m³, 1000 ppm TLV (USA) see Appendix F Minimal oxygen content (D, EX) 123-86-4 butyl acetate PEL (USA) Long-term value: 710 mg/m³, 150 ppm REL (USA) Long-term value: 700 mg/m³, 200 ppm Long-term value: 150 ppm Long-term value: 50 ppm Long-term value: 50 ppm TLV (USA) Short-term value: 100 mg/m³, 800 ppm TLV (USA) Short-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1000 ppm (EX) 7429-90-5 Aluminum flake PEL (USA) Long-term value: 15°; 5** mg/m³ *Total dust; ** Respirable fraction <th>Componen 67-64-1 Ac PEL (USA) REL (USA)</br></th> <th>ts with limit values that r etone Long-term value: 2400 mg Long-term value: 590 mg/ Short-term value: 500 ppn Long-term value: 250 ppm</th> <th>tection require monitoring at the workplace: g/m³, 1000 ppm m³, 250 ppm n</th> | Componen 67-64-1 Ac PEL (USA) | ts with limit values that r etone Long-term value: 2400 mg Long-term value: 590 mg/ Short-term value: 500 ppn Long-term value: 250 ppm | tection require monitoring at the workplace: g/m³, 1000 ppm m³, 250 ppm n |
| REL (USA) Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm TLV (USA) Long-term value: 20 ppm BEI, OTO, A4 74-98-6 propen PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm REL (USA) Long-term value: 1800 mg/m³, 1000 ppm REL (USA) Long-term value: 1800 mg/m³, 1000 ppm TLV (USA) see Appendix F Minimal oxygen content (D, EX) 123-86-4 butyl acetate PEL (USA) Long-term value: 710 mg/m³, 150 ppm REL (USA) Long-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm TLV (USA) Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm TLV (USA) Short-term value: 50 ppm Long-term value: 50 ppm It USA) Long-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1000 ppm (EX) Short-term value: 1000 ppm PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) | ts with limit values that r tetone Long-term value: 2400 mg Long-term value: 590 mg/ Short-term value: 500 ppm Long-term value: 250 ppm A4, BEI | tection require monitoring at the workplace: g/m³, 1000 ppm m³, 250 ppm n |
| BEI, OTO, A4 74-98-6 propane PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm REL (USA) Long-term value: 1800 mg/m³, 1000 ppm TLV (USA) see Appendix F Minimal oxygen content (D, EX) 123-86-4 butyl acetate PEL (USA) PEL (USA) Long-term value: 710 mg/m³, 150 ppm REL (USA) Long-term value: 710 mg/m³, 150 ppm REL (USA) Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm Long-term value: 710 mg/m³, 150 ppm TLV (USA) Short-term value: 50 ppm Long-term value: 50 ppm Long-term value: 50 ppm Icong-term value: 1000 mg/m³, 800 ppm LONG-term value: 1000 ppm TLV (USA) Short-term value: 1000 ppm (EX) Long-term value: 1000 ppm (EX) Long-term value: 1000 ppm PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 T | ts with limit values that r eetone Long-term value: 2400 mg Long-term value: 590 mg/ Short-term value: 500 ppm Long-term value: 250 ppm A4, BEI oluene Long-term value: 200 ppm Ceiling limit value: 300; 50 | tection require monitoring at the workplace: g/m ³ , 1000 ppm m ³ , 250 ppm n 1 |
| PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm REL (USA) Long-term value: 1800 mg/m³, 1000 ppm TLV (USA) see Appendix F Minimal oxygen content (D, EX) 123-86-4 butyl acetate PEL (USA) Long-term value: 710 mg/m³, 150 ppm REL (USA) Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm TLV (USA) Short-term value: 710 mg/m³, 150 ppm TLV (USA) Short-term value: 50 ppm Long-term value: 50 ppm Long-term value: 50 ppm TLV (USA) Long-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1900 mg/m³, 800 ppm TLV (USA) Long-term value: 1900 ppm (EX) TLV (USA) Long-term value: 1900 ppm * PEL (USA) Long-term value: 1900 ppm * TLV (USA) Short-term value: 1900 ppm * PEL (USA) Long-term value: 15*; 5** mg/m³ * Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 Te PEL (USA) REL (USA) | nts with limit values that r etone Long-term value: 2400 mg/ Long-term value: 590 mg/ Short-term value: 500 ppm Long-term value: 250 ppm A4, BEI oluene Long-term value: 200 ppm Ceiling limit value: 300, 50 *10-min peak per 8-hr shif Short-term value: 560 mg, Long-term value: 375 mg/ | require monitoring at the workplace: g/m ³ , 1000 ppm m ³ , 250 ppm n 1 |
| REL (USA) Long-term value: 1800 mg/m³, 1000 ppm TLV (USA) see Appendix F Minimal oxygen content (D, EX) 123-86-4 butyl acetate PEL (USA) Long-term value: 710 mg/m³, 150 ppm REL (USA) Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm TLV (USA) Short-term value: 710 mg/m³, 150 ppm Long-term value: 710 mg/m³, 150 ppm Long-term value: 50 ppm Long-term value: 50 ppm Long-term value: 50 ppm Long-term value: 100 mg/m³, 800 ppm TLV (USA) Short-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1000 ppm (EX) 7429-90-5 Aluminum flake PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 To PEL (USA) REL (USA) TLV (USA) | ts with limit values that r etone Long-term value: 2400 mg Long-term value: 590 mg/ Short-term value: 500 ppm Long-term value: 250 ppm A4, BEI oluene Long-term value: 200 ppm Ceiling limit value: 300; 50 *10-min peak per 8-hr shif Short-term value: 560 mg, Long-term value: 375 mg/ Long-term value: 20 ppm BEI, OTO, A4 | require monitoring at the workplace: g/m ³ , 1000 ppm m ³ , 250 ppm n 1 |
| TLV (USA) see Appendix F Minimal oxygen content (D, EX) 123-86-4 butyl acetate PEL (USA) Long-term value: 710 mg/m³, 150 ppm REL (USA) Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm TLV (USA) Short-term value: 150 ppm Long-term value: 150 ppm Long-term value: 50 ppm Long-term value: 50 ppm Long-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1900 ppm Complexity Long-term value: 1900 ppm (EX) 7429-90-5 Aluminum flake PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 To PEL (USA) REL (USA) TLV (USA) 74-98-6 pro | hts with limit values that r ietone Long-term value: 2400 mg Long-term value: 590 mg/ Short-term value: 500 ppn Long-term value: 250 ppr A4, BEI oluene Long-term value: 200 ppr Ceiling limit value: 300; 50 *10-min peak per 8-hr shif Short-term value: 375 mg/ Long-term value: 20 ppm BEI, OTO, A4 opane | equire monitoring at the workplace: g/m³, 1000 ppm m³, 250 ppm n 1 00* ppm t /m³, 150 ppm m³, 100 ppm |
| 123-86-4 butyl acetate PEL (USA) Long-term value: 710 mg/m³, 150 ppm REL (USA) Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm TLV (USA) Short-term value: 150 ppm Long-term value: 50 ppm Inde-97-8 n-butane REL (USA) Long-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1000 ppm (EX) Short-term value: 1000 ppm PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 To PEL (USA) REL (USA) TLV (USA) 74-98-6 pro PEL (USA) | bits with limit values that r isetone Long-term value: 2400 mg/ Long-term value: 590 mg/ Short-term value: 500 ppm Long-term value: 250 ppm A4, BEI oluene Long-term value: 200 ppm Ceiling limit value: 300; 50 *10-min peak per 8-hr shif Short-term value: 560 mg/ Long-term value: 20 ppm BEI, OTO, A4 opane Long-term value: 1800 mg/ | tection equire monitoring at the workplace: g/m³, 1000 ppm n 1 00* ppm t /m³, 150 ppm m³, 150 ppm m³, 100 ppm |
| PEL (USA) Long-term value: 710 mg/m³, 150 ppm REL (USA) Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm TLV (USA) Short-term value: 150 ppm Long-term value: 50 ppm Long-term value: 50 ppm Long-term value: 50 ppm TLV (USA) REL (USA) Long-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1000 ppm (EX) 7429-90-5 Aluminum flake PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 To PEL (USA) REL (USA) TLV (USA) 74-98-6 pro PEL (USA) REL (USA) | hts with limit values that r ietone Long-term value: 2400 mg Long-term value: 590 mg/ Short-term value: 500 ppm Ad, BEI oluene Long-term value: 200 ppm Ceiling limit value: 300, 50 *10-min peak per 8-hr shif Short-term value: 375 mg/ Long-term value: 20 ppm BEI, OTO, A4 opane Long-term value: 1800 mg Long-term value: 1800 mg | equire monitoring at the workplace: g/m³, 1000 ppm n 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| REL (USA) Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm Long-term value: 150 ppm Long-term value: 50 ppm 106-97-8 n-butane REL (USA) Long-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1900 mg/m³, 800 ppm (EX) 7429-90-5 Aluminum flake PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 TO PEL (USA) REL (USA) TLV (USA) REL (USA) REL (USA) REL (USA) TLV (USA) | hts with limit values that r isetone Long-term value: 2400 mg/ Long-term value: 590 mg/ Short-term value: 500 ppm Long-term value: 200 ppm A4, BEI oluene Long-term value: 200 ppm Ceiling limit value: 300; 50 *10-min peak per 8-hr shif Short-term value: 375 mg/ Long-term value: 20 ppm BEI, OTO, A4 opane Long-term value: 1800 mg Long-term value: 1800 mg Long-term value: 1800 mg | equire monitoring at the workplace: g/m³, 1000 ppm n 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| Long-term value: 710 mg/m³, 150 ppm TLV (USA) Short-term value: 150 ppm Long-term value: 50 ppm 106-97-8 n-butane REL (USA) Long-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1000 ppm FLV (USA) Short-term value: 1000 ppm 7429-90-5 Aluminum flake PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 TO PEL (USA) REL (USA) TLV (USA) TLV (USA) REL (USA) REL (USA) REL (USA) TLV (USA) 123-86-4 b | hts with limit values that r isetone Long-term value: 2400 mg/ Long-term value: 590 mg/ Short-term value: 500 ppm Long-term value: 200 ppm A4, BEI oluene Long-term value: 200 ppm Ceiling limit value: 300; 50 *10-min peak per 8-hr shift Short-term value: 375 mg/ Long-term value: 20 ppm BEI, OTO, A4 opane Long-term value: 1800 mg | Section require monitoring at the workplace: g/m³, 1000 ppm m³, 250 ppm n 1 100* ppm ft /m³, 150 ppm m³, 100 ppm g/m³, 1000 ppm |
| TLV (USA) Short-term value: 150 ppm Long-term value: 50 ppm 106-97-8 n-butane REL (USA) Long-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1000 ppm (EX) 7429-90-5 Aluminum flake PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 TO PEL (USA) REL (USA) TLV (USA) TLV (USA) REL (USA) REL (USA) TLV (USA) 123-86-4 bo PEL (USA) | hts with limit values that r tetone Long-term value: 2400 mg/ Long-term value: 590 mg/ Short-term value: 500 ppn Long-term value: 200 ppm A4, BEI oluene Long-term value: 200 ppm Ceiling limit value: 300; 50 *10-min peak per 8-hr shift Short-term value: 375 mg/ Long-term value: 20 ppm BEI, OTO, A4 opane Long-term value: 1800 mg Long-term value: 1800 mg see Appendix F Minimal o utyl acetate Long-term value: 710 mg/ | Section equire monitoring at the workplace: j/m³, 1000 ppm m³, 250 ppm n 100* ppm ft j/m³, 100 ppm j/m³, 100 ppm j/m³, 100 ppm xygen content (D, EX) m³, 150 ppm |
| 106-97-8 n-butane REL (USA) Long-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1000 ppm (EX) 7429-90-5 Aluminum flake PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 TO PEL (USA) REL (USA) TLV (USA) TLV (USA) REL (USA) REL (USA) TLV (USA) 123-86-4 bo PEL (USA) | hts with limit values that r isetone Long-term value: 2400 mg/ Long-term value: 590 mg/ Short-term value: 500 ppm Cong-term value: 200 ppm A4, BEI oluene Long-term value: 200 ppm Ceiling limit value: 300; 50 *10-min peak per 8-hr shift Short-term value: 375 mg/ Long-term value: 375 mg/ Long-term value: 20 ppm BEI, OTO, A4 opane Long-term value: 1800 mg see Appendix F Minimal o utyl acetate Long-term value: 710 mg/ Short-term value: 950 mg/ | ection equire monitoring at the workplace: g/m³, 1000 ppm n 1 00* ppm t (m³, 150 ppm m³, 150 ppm g/m³, 1000 ppm sygen content (D, EX) m³, 150 ppm m³, 150 ppm (m³, 200 ppm |
| REL (USA) Long-term value: 1900 mg/m³, 800 ppm TLV (USA) Short-term value: 1000 ppm (EX) (EX) 7429-90-5 Aluminum flake PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 TO PEL (USA) REL (USA) TLV (USA) TLV (USA) REL (USA) REL (USA) TLV (USA) 123-86-4 bo PEL (USA) REL (USA) | Nts with limit values that r ietone Long-term value: 2400 mg/ Long-term value: 590 mg/ Short-term value: 500 ppm Ang-term value: 250 ppm A4, BEI oluene Long-term value: 200 ppm Ceiling limit value: 300, 50 *10-min peak per 8-hr shif Short-term value: 375 mg/ Long-term value: 375 mg/ Long-term value: 20 ppm BEI, OTO, A4 opane Long-term value: 1800 mg see Appendix F Minimal o utyl acetate Long-term value: 710 mg/ Short-term value: 950 mg, Long-term value: 710 mg/ Short-term value: 710 mg/ Short-term value: 710 mg/ | Section equire monitoring at the workplace: g/m³, 1000 ppm m³, 250 ppm n 1 Do* ppm t g/m³, 150 ppm g/m³, 1000 ppm y/m³, 1000 ppm g/m³, 1000 ppm y/m³, 1000 ppm m³, 150 ppm |
| TLV (USA) Short-term value: 1000 ppm (EX) 7429-90-5 Aluminum flake PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 TO PEL (USA) REL (USA) TLV (USA) REL (USA) REL (USA) REL (USA) TLV (USA) PEL (USA) REL (USA) REL (USA) REL (USA) | bits with limit values that r isetone Long-term value: 2400 mg/ Long-term value: 590 mg/ Short-term value: 500 ppm Cong-term value: 200 ppm A4, BEI oluene Long-term value: 200 ppm Ceiling limit value: 300; 50 *10-min peak per 8-hr shif Short-term value: 360 mg/ Long-term value: 375 mg/ Long-term value: 20 ppm BEI, OTO, A4 opane Long-term value: 1800 mg/ Long-term value: 1800 mg/ Short-term value: 510 mg/ Short-term value: 510 mg/ Short-term value: 500 mg/ Long-term value: 500 mg/ Long-term value: 500 mg/ Short-term value: 500 mg/ Short-term value: 500 mg/ Long-term value: 500 ppm | Section equire monitoring at the workplace: g/m³, 1000 ppm m³, 250 ppm n 1 Do* ppm t g/m³, 150 ppm g/m³, 1000 ppm y/m³, 1000 ppm g/m³, 1000 ppm y/m³, 1000 ppm m³, 150 ppm |
| 7429-90-5 Alumínum flake PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 TO PEL (USA) REL (USA) TLV (USA) TLV (USA) TLV (USA) TLV (USA) 123-86-4 bo PEL (USA) REL (USA) REL (USA) TLV (USA) TLV (USA) | bits with limit values that r isetone Long-term value: 2400 mg/ Long-term value: 590 mg/ Short-term value: 500 ppm Cong-term value: 200 ppm A4, BEI oluene Long-term value: 200 ppm Ceiling limit value: 300; 50 *10-min peak per 8-hr shift Short-term value: 375 mg/ Long-term value: 20 ppm BEI, OTO, A4 opane Long-term value: 1800 mg see Appendix F Minimal o utyl acetate Long-term value: 710 mg/ Short-term value: 550 mg, ong-term value: 710 mg/ Short-term value: 500 ppm | tection require monitoring at the workplace: j/m³, 1000 ppm n |
| PEL (USA) Long-term value: 15*; 5** mg/m³ *Total dust; ** Respirable fraction | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 T PEL (USA) REL (USA) TLV (USA) TLV (USA) TLV (USA) TLV (USA) TLV (USA) REL (USA) REL (USA) REL (USA) TLV (USA) | is with limit values that r istering Long-term value: 2400 mg/ Long-term value: 590 mg/ Short-term value: 500 ppm Cong-term value: 200 ppm A4, BEI Oluene Long-term value: 200 ppm Ceiling limit value: 300; 50 *10-min peak per 8-hr shif Short-term value: 560 mg/ Long-term value: 20 ppm BEI, OTO, A4 Opane Long-term value: 1800 mg see Appendix F Minimal o utyl acetate Long-term value: 710 mg/ Short-term value: 710 mg/ Short-term value: 50 ppm Long-term value: 710 mg/ Short-term value: 150 ppm Long-term value: 150 ppm Long-term value: 1000 pp | Addition equire monitoring at the workplace: g/m³, 1000 ppm m³, 250 ppm n D0* ppm t m³, 150 ppm g/m³, 1000 ppm g/m³, 150 ppm m³, 150 ppm n g/m³, 800 ppm |
| | Componen 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 T PEL (USA) REL (USA) TLV (USA) 74-98-6 pr PEL (USA) REL (USA) TLV (USA) 123-86-4 b PEL (USA) REL (USA) TLV (USA) TLV (USA) | bits with limit values that r isetone Long-term value: 2400 mg/ Long-term value: 590 mg/ Short-term value: 500 ppm Cong-term value: 200 ppm A4, BEI Oluene Long-term value: 200 ppm Ceiling limit value: 300; 50 *10-min peak per 8-hr shif Short-term value: 560 mg/ Long-term value: 375 mg/ Long-term value: 20 ppm BEI, OTO, A4 Opane Long-term value: 1800 mg/ Long-term value: 1800 mg/ Long-term value: 1800 mg/ Long-term value: 1800 mg/ Short-term value: 50 ppm Long-term value: 50 ppm Long-term value: 50 ppm Long-term value: 50 ppm Long-term value: 1000 pp Short-term value: 1900 mg Short-term value: 1900 mg Short-term value: 1000 pp (EX) | Action equire monitoring at the workplace: g/m³, 1000 ppm m³, 250 ppm n D0* ppm t m³, 150 ppm g/m³, 1000 ppm g/m³, 150 ppm m³, 150 ppm m³, 150 ppm m³, 150 ppm m³, 150 ppm n |
| | Component 67-64-1 Ac PEL (USA) REL (USA) TLV (USA) 108-88-3 TO PEL (USA) REL (USA) TLV (USA) 74-98-6 pro PEL (USA) REL (USA) TLV (USA) 123-86-4 bo PEL (USA) REL (USA) TLV (USA) TLV (USA) TLV (USA) TLV (USA) | hts with limit values that r ietone Long-term value: 2400 mg/ Long-term value: 590 mg/ Short-term value: 500 ppm Ad, BEI oluene Long-term value: 200 ppm Ceiling limit value: 300; 50 *10-min peak per 8-hr shif Short-term value: 375 mg/ Long-term value: 375 mg/ Long-term value: 20 ppm BEI, OTO, A4 opane Long-term value: 1800 mg see Appendix F Minimal o utyl acetate Long-term value: 710 mg/ Short-term value: 950 ppm Long-term value: 1710 mg/ Short-term value: 1800 mg Short-term value: 950 ppm Long-term value: 1000 pp Short-term value: 1000 pp (EX) Aluminum flake Long-term value: 15*; 5** | tection equire monitoring at the workplace: g/m³, 1000 ppm n³, 250 ppm n 1 10* |

Printing date 01/10/2024

| Trade name: DULL ALUMINUM METALLIC LACQUER | | | |
|---|--|--|--|
| | (Contd. of page 2) | | |
| REL (USA) Long-term value: 10* 5** as Al*Total dust**Respira | mg/m ³ ble/pyro powd./welding f. | | |
| TLV (USA) Long-term value: 1* mg/m as Al; *as respirable fracti | n ³ ion, A4 | | |
| 110-19-0 Isobutyl Acetate | | | |
| PEL (USA) Long-term value: 700 mg/ | /m³, 150 ppm | | |
| REL (USA) Long-term value: 700 mg/ | /m³, 150 ppm | | |
| TLV (USA) Short-term value: 150 ppr Long-term value: 50 ppm | n | | |
| Ingredients with biological limit val | ues: | | |
| 67-64-1 Acetone | | | |
| BEI (USA) 25 mg/L Medium: urine Time: end of shift Parameter: Acetone (nons | pecific) | | |
| 108-88-3 Toluene | | | |
| BEI (USA) 0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene 0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene | | | |
| 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with h | nydrolysis (background) | | |
| Hygienic protection: | Keep away from foodstuffs and animal feed. Wash hands after use. | | |
| Breathing equipment: | Immediately remove all soiled and contaminated clothing. Wash hands after use. Store protective clothing separately. Avoid contact with the eyes and skin. Do not eat or drink while working. A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a NIOSH approved respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical | | |
| Hand protection: | Nitrile gloves. The glove material must be impermeable and resistant to the substance. | | |
| Eye protection: | Tightly sealed goggles | | |
| | 9 Physical and chemical properties | | |

| 3 | i nysicai and chemical properties | |
|---|--|---|
| | Appearance: Odor: Odor threshold: | Aerosol. Aromatic Not determined. |
| | pH-value: Melting point/Melting range Boiling point: | Not determined. Undetermined. -44 °C (-47.2 °F) |
| | Flash point: Flammability (solid, gas): | -19 °C (-2.2 °F) Extremely flammable. |
| | Decomposition temperature: | Not determined. |
| | Auto igniting: | Product is not self-igniting. |
| | Danger of explosion: Lower Explosion Limit: Upper Explosion Limit: | In use, may form flammable/explosive vapour-air mixture. 1.7 Vol % 10.9 Vol % |
| | Vapor pressure: Relative Density: Vapor density Evaporation rate Partition coefficient: n-octonal/water: | Not determined. Between 0.77 and 0.85 (Water equals 1.00) Not determined. Not applicable. Not determined. |
| | Solubility: Viscosity: Water: | Not determined. Not determined. 0.0 % |

10 Stability and reactivity

Revised On 01/10/2024

| Reactivity: Conditions to avoid: | Stable at normal temperatures. Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezin temperatures. |
|--|--|
| Chemical stability: Possibility of hazardous reactions: | Not fully evaluated. No dangerous reactions known. |
| Incompatible materials: Hazardous decomposition: | No further relevant information available. No dangerous decomposition products known. |
| Toxicological information | |
| LD/LC50 values that are relevant for | nr classification: |
| 123-86-4 butyl acetate | |
| Oral LD50 14,000 mg/kg (i | rat) |
| Inhalative LC50/4 h >21 mg/l (rat) | |
| 110-19-0 Isobutyl Acetate | |
| Oral LD50 4,763 mg/kg (rb | |
| Information on toxicological effect | s: No data available. Irritant to skin and mucous membranes. |
| Skin effects: Eve effects: | Irritating effect. |
| Sensitization: | No sensitizing effects known. |
| | |
| Ecological information | |
| Aquatic toxicity: Persistence and degradability: | Hazardous for water, do not empty into drains. The product is degradable after prolonged exposure to natural weathering processes. |
| Other information: | This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbo |
| | (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium), or chlorinat |
| Biogeoumulative notential | solvents. No further relevant information available. |
| Bioaccumulative potential: Mobility in soil: | No further relevant information available. |
| | |
| Other adverse effects: Disposal considerations Dispose of in accordance with local, disposed of responsibly. Do not heat Recommendation: | No further relevant information available. state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must b or cut empty containers with electric or gas torches. Completely empty cans should be recycled. |
| Other adverse effects: Disposal considerations Dispose of in accordance with local, disposed of responsibly. Do not heat | state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must l or cut empty containers with electric or gas torches. |
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| Other adverse effects: Disposal considerations Dispose of in accordance with local, disposed of responsibly. Do not heat Recommendation: Recommended cleansing agent: Transport information UN-Number | state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must or cut empty containers with electric or gas torches. Completely empty cans should be recycled. Water, if necessary with cleansing agents. UN1950 |
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| Other adverse effects: Disposal considerations Dispose of in accordance with local, disposed of responsibly. Do not heat Recommendation: Recommended cleansing agent: Transport information UN-Number DOT DOT ADR Transport hazard class(es): Class Marine pollutant: Special precautions for user: EMS Number: Packaging Group: UN "Model Regulation": Regulatory information SARA Section 355 (extremely haza None of the ingredients in this produce SARA Section 313 (Specific toxic of 108-88-3 Toluene 7429-90-5 Aluminum flake Toxic Substances Control Act (TSCA): Canadian Domestic Substances Li | state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must i or cut empty containers with electric or gas torches. Completely empty cans should be recycled. Water, if necessary with cleansing agents. UN1950 UN1950 UN1950 Aerosols, flammable 1950 Aerosols 2.1 Gases No Warning: Gases F-D,S-U |
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(Contd. of page 3)

Page 4/5

Revised On 01/10/2024

| | | (Contd. of page 4) | | |
|-------------------------------|--|--------------------|--|--|
| | California Proposition 65 chemicals known to cause cancer: | | | |
| None of the ingredients in th | is product are listed. | | | |
| Prop 65 chemicals known | to cause birth defects or reproductive harm: | | | |
| 108-88-3 Toluene | | | | |
| EPA: | | | | |
| 67-64-1 Acetone | | 1 | | |
| 110-19-0 Isobutyl Acetate | | D | | |
| | | | | |
| 16 Other information | | | | |
| Contact: | Regulatory Affairs | | | |