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Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : TRANSPARENT 21
Ref.Nr.: AB27951-3-311007

Creationdate : 31.10.07
Replaces: 26.03.04

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : TRANSPARENT 21
Aerosol

Application : Transparent transfer spray

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2. HAZARD IDENTIFICATION

Health and Safety :

R11: Highly flammable.
R66: Repeated exposure may cause skin dryness or cracking.

Environment :

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other hazards :

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

Remark: The classification for aspiration hazards (R65), does not apply for products placed on the market in aerosol containers.
(EU-Directive 67/548 Annex VI 9.4)

3. COMPOSITION AND INFORMATION ON COMPONENTS

| Hazardous ingredient | CAS-nr | EINECS | w/w % | symbol | R-phrases* | Notes |
|---|------------|-----------|--------|--------|-------------------|-------|
| carbon dioxide | 124-38-9 | 204-696-9 | 1-5 | - | - | A,G |
| Distillates (petroleum), hydrotreated light; Kerosine - unspecified | 64742-47-8 | 265-149-8 | 60-100 | Xn | 65-66 | B |
| Naphtha (petroleum), | 64742-49-0 | 265-151-9 | 5-10 | F,Xn,N | 11-38-51/53-65-67 | B,P |

| Hazardous ingredient | CAS-nr | EINECS | w/w % | symbol | R-phrases* | Notes |
|---|------------|-----------|-------|--------|-------------------|-------|
| hydrotreated light (benzene<0.1%) | | | | | | |
| Naphtha (petroleum), hydrodesulfurized light (benzene<0.1%) | 92045-53-9 | 295-434-2 | 5-10 | F,Xn,N | 11-38-51/53-65-67 | B,P |
| Explanation notes | | | | | | |
| A : substance with Community workplace exposure limit | | | | | | |
| B : substance with national established workplace exposure limit | | | | | | |
| G : exempted from the obligation to register in accordance with art.2(7)(a)of REACH Regulation No 1907/2006 | | | | | | |
| P : not classified as carcinogen, less than 0.1% w/w benzene (Einecs-nr. 200-753-7) | | | | | | |

Note H and P of Annex I (67/548/EEC) apply for the naphtha's in this product.

(* Explanation risk-phrases : see chapter 16)

4. FIRST AID MEASURES

General Advice :

The usual precautions for handling chemicals should be observed

If any symptoms should occur, seek medical advice.

Contact with eyes :

If substance has got into eyes, immediately wash out with plenty of water

Contact with skin :

Wash with water and soap.

Inhalation :

Fresh air, keep warm and at rest.

Ingestion :

Ingestion is unlikely to occur

If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention

5. FIRE-FIGHTING MEASURES

Flash point (without propellant): < 0 °C (Closed Cup)

Explosion limits : upper limit : not available

lower limit : not available

Extinguishing media : foam, carbon dioxide or dry agent

Fire-fighting procedures : Keep container(s) exposed to fire cool, by spraying with water

Unusual exposure hazard : Aerosols may explode if heated above 50°C

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Shut off all ignition sources
Ensure adequate ventilation

Environmental precautions : Do not allow to enter public sewers and watercourses
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

Cleaning methods : Absorb spillage in suitable inert material

7. HANDLING AND STORAGE

Handling procedures : Use only in well ventilated areas
Keep away from heat and sources of ignition
Do not spray on a naked flame or incandescent material.
Do not pierce or burn aerosols, even after use.

Storage procedures : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
Keep in a cool, dry, well ventilated place
Keep out of reach of children.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Control procedures : Ensure adequate ventilation
Keep away from heat and sources of ignition
Take precautionary measures against static discharges

Personal protection : It is advisable to take precautions to avoid contact with skin and eyes when handling the product.
Use only in well ventilated areas

Exposure limits :

| Hazardous ingredient | CAS-nr | method | |
|--|----------|--------|----------|
| EU established exposure limits: | | | |
| carbon dioxide | 124-38-9 | TWA | 5000 ppm |

9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

Apperance : physical state : CO2 propelled liquid

colour : colourless

odour : solvent

Boiling point/range : not available

Relative density : 0.78 g/cm³ (@ 20°C)

pH : not applicable

Vapour pressure : not available

Relative vapour density : not available

Solubility in water : Insoluble in water

Flash point : < 0 °C (Closed Cup)

Auto-ignition : > 200 °C

Viscosity : not applicable

Evaporation rate : not available

10. STABILITY AND REACTIVITY

Conditions to be avoided : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
Keep away from heat and sources of ignition

Materials to be avoided : Strong oxidising agent

Hazardous decomposition compounds : CO,CO₂

11. TOXICOLOGICAL INFORMATION

| | |
|-----------------------|---|
| Inhalation : | Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness |
| Ingestion : | Ingestion is unlikely to occur If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention |
| Skin contact : | Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis |

12. ECOLOGICAL INFORMATION

| | |
|--------------------------------|---|
| Other adverse effects : | R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not allow to enter public sewers and watercourses |
|--------------------------------|---|

13. WASTE DISPOSAL

| | |
|------------------|---|
| Product : | Do not empty into drains. This material and its container must be disposed of in a safe way. Disposal should be in accordance with local, state or national legislation |
|------------------|---|

14. TRANSPORT

| | |
|------------------------------|--|
| UN-number : | 1950 |
| Road/Rail - ADR/RID : | UN1950 Aerosols Class : 2, PG : NA, Class code : 5F, Label : 2.1 |
| Sea - IMDG : | UN1950 Aerosols Ltd Qty Class : 2.1, PG : NA, Label : 2.1 |

EmS

F-D,S-U

Air - IATA/ICAO :

UN1950 Aerosols, flammable Class : 2.1, PG :
NA, Label : RFG

**Packing instr.
LQ**

Y203

PAX

203

CAO

203

15. REGULATORY INFORMATION

Warning symbol(s) :

F

Risk-phrase(s) :

R11: Highly flammable.
R52/53: Harmful to aquatic organisms, may
cause long-term adverse effects in the aquatic
environment.
R66: Repeated exposure may cause skin
dryness or cracking.

Safety-phrase(s) :

S2: Keep out of the reach of children.
S16: Keep away from sources of ignition - No
smoking.
S23: Do not breathe spray.
S35: This material and its container must be
disposed of in a safe way.
S51: Use only in well-ventilated areas.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Without adequate ventilation formation of explosive mixtures may be possible.

16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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***Explanation risk-phrases:**

- R11: Highly flammable.
- R38: Irritating to skin.
- R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65: Harmful: may cause lung damage if swallowed.
- R66: Repeated exposure may cause skin dryness or cracking.
- R67: Vapours may cause drowsiness and dizziness.

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : www.crcind.com. We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.