PRODUCT NAME: GBC 7043
MSDS DATE : 03/17/89
MSDS NUMBER : GBC 7043

Product Identification

CHEMICAL NAME / SYNONYM / TRADE NAME:
Brushing-Bright-Gold

CHEMICAL FAMILY:
Complex mixture of resins, solvents and soluble metal complexes

CHEMICAL FORMULA: GBC 7043

CAS NUMBER : mixture
DOT HAZARD CLASS: not known
UN/NA NUMBER : not known / UN 1263

Hazardous Ingredients

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>TLV</th>
<th>STEL</th>
<th>PEL</th>
<th>%</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Perchloroethylene</td>
<td>50 ppm</td>
<td>200 ppm</td>
<td>10-15%</td>
<td>127-18-4</td>
<td></td>
</tr>
<tr>
<td>Cyclohexanol</td>
<td>50 ppm</td>
<td>50 ppm</td>
<td>5-10%</td>
<td>108-93-0</td>
<td></td>
</tr>
</tbody>
</table>

* Denotes SARA Section 313 Title 111 Toxic Chemicals

Physical Data

BOILING POINT : not known
VAPOUR PRESSURE (mmHg) : unknown
VAPOUR DENSITY (air=1) : not known
SPECIFIC GRAVITY (H2O=1) : not known
SOLUBILITY IN WATER : Insoluble
PERCENT VOLATILE BY VOL : not known
EVAPORATION RATE : not known
APPEARANCE AND ODOR : Dark brown liquid, solvent odor.

Fire and Explosion Hazard Data

FLASH POINT (METHOD USED) : 148F (Setaflash Closed Cup)
FLAMMABLE LIMITS : 

DISCLAIMER:
"Employers should use this information only as a supplement to other information gathered by them, and should make independent judgments of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user."
Fire and Explosion Hazard Data

LEL: not known
UEL: not known
EXTINGUISHING MEDIA: CO2 or dry chemical

SPECIAL FIRE FIGHTING PROCEDURES:
Fire fighters should wear NIOSH/MSHA approved pressure demand self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: none known

Health Hazard Data

THRESHOLD LIMIT VALUE: None established for mixture.
EFFECTS OF OVEREXPOSURE:
Solvents can cause defatting of the skin as well as contact dermatitis in susceptible individuals. Vapors can irritate eyes, nose, and throat. Solvents can act as central nervous system depressants, exhibiting narcotic and anesthetic effects. Overexposure can cause headache, nausea, vomiting, drowsiness, diarrhea, liver and kidney damage.

NIOSH has determined that Perchloroethylene is a suspected cancer causing compound. It is also on the IARC list as a potential carcinogen.

All other product constituents are not on the NTP, IARC, or OSHA lists as potential carcinogens.

RECOMMENDED FIRST AID TREATMENT:
SKIN: In case of contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing and shoes. Wash or clean before reuse.
EYE CONTACT: Rinse for 15 minutes and contact a physician immediately.
INHALATION: Remove from exposure to fresh air. Give artificial respiration if not breathing. If breathing is difficult, give oxygen. Contact a physician immediately.
INGESTION: Contact a physician immediately.

Reactivity Data

STABILITY: Stable.
CONDITIONS TO AVOID:
Avoid heating substance where it may be inhaled, and avoid open flame.
INCOMPATIBILITY (MATERIALS TO AVOID):
Oxidizers such as chlorates, perchlorates, permanganates, and nitrates.
HAZARDOUS DECOMPOSITION PRODUCTS:
CO, CO2, HCl, carboneaceous fumes.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID:
none known
Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Prevent wastage. Promptly absorb spill. Conserve and accumulate material and
all mops, wipes, sand or vermiculite used to clean up a spill. Remove sources
of ignition. Cover drains to prevent entry into waterways.

Wear personal protective equipment (clothing and gloves) when handling
spilled materials. (See Section on Special Protection Information, below.)

Waste Disposal Method
Return accumulated residues, wipes, mops, sand and vermiculite to refinery
for metals recovery. Store material in appropriate containers. Follow local,
state and federal regulations for packaging, labeling, manifesting,
transportation and disposal.

SPECIAL STORAGE AND HANDLING RECOMMENDATIONS:
Keep away from heat, open flame, and sources of ignition. Store as flammable
liquid.

Store in a cool dry place away from incompatible materials identified in
the Reactivity Section.

OTHER RECOMMENDATIONS AND PRECAUTIONS:
Follow good industrial hygiene and housekeeping practices. Do not eat,
drink, or smoke while working with this material. Wash hands before eating,
drinking, smoking, or applying cosmetics, and at the end of the work
shift. Avoid contact with eyes, skin, or clothing. Do not ingest. Avoid
prolonged breathing of dust. Keep container closed when not in use.
Use with adequate ventilation.

Control Measures

Respiratory Protection (Specify Type):
If there is a possibility that the TLVs or PELs may be exceeded, a
NIOSH/MSHA approved respirator with organic vapor/dust-mist-fume filters
represents the minimum level of respiratory protection.

To insure proper respirator selection and use, refer to the

Ventilation:

Local Exhaust:
Fume hood at point of generation with sufficient exhaust to remove material
from breathing zone.

Mechanical (Gen.)
With sufficient ventilation to remove material from breathing zone.

Special: none
Control Measures

OTHER: none
PROTECTIVE GLOVES: Solvent impermeable gloves
EYE PROTECTION: Chemical safety goggles
OTHER PROTECTIVE EQUIPMENT:
Wear disposable protective clothing to facilitate recovery of any materials spilled.

References

REFERENCE

