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Transcriber's Note:

Minor typographical errors and inconsistencies have been corrected. Some words that transcribed hyphenated throughout the book, these have been made unhyphenated.

Words that were hyphenated at the end of a line and are not hyphenated anywhere else in the text have been left as they appear in the original text. Hyphenated words such as Mg(ClO$_3$)$_2$·6H$_2$O. These have been regularized to use the medium dot (U+00B7) for the hydrated dot.

The index entry for Hemlock bark has no page number in the original text. In the original text, the last page number, 34, has been supplied.

On page 150 the formula has been corrected to Mg(ClO$_3$)$_2$ (the original 2's were missing). The formula has been replaced with the correctly subscripted forms, e.g., MgCl$_2$.

ANIMAL PRODUCTS

BY

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GENERAL PREFACE

The rapid development of Applied Chemistry in recent years has brought about a revolution in all branches of technology. This growth has been accelerated during the war, and the British Empire has been forced to develop its own resources in order to make good the shortage of supplies from other countries. Many of the products which have been imported in the past can now be produced in the Empire, and it is the duty of every technical worker to assist in the development of the Empire's resources. The Publishers have therefore decided to issue a series of monographs, dealing with the various aspects of Applied Chemistry, which will be of value to those who are engaged in the manufacture of the various products, to those who are about to enter the profession, and to those who are interested in the application of Chemistry to other branches of knowledge. The series will also be of value to those who are interested in the utilization of waste products, and to those who are interested in the utilization of the various products of manufacture.

In the preparation of the monographs, the Publishers have had the assistance of a Committee of Chemists, who have kindly undertaken the arrangement of the subjects, and have selected for the various subjects authors who are specially competent to deal with the various subjects. The Publishers have also to acknowledge the assistance they have received from many manufacturers and others who have kindly supplied information and have given permission to authors to consult them on various points.

The technical manager of the firm, who has had to do the work of the Publisher during the absence of many of the younger members of the staff on active service, has been responsible for the general supervision of the series, and has had the pleasure of meeting many of the authors and of receiving from them expressions of appreciation of the assistance given by the firm in the production of these monographs. The Publishers have also to acknowledge the assistance they have received from many manufacturers and others who have kindly supplied information and have given permission to authors to consult them on various points.

The authors' thanks are also due to Messrs. W. Heffer and Sons, Ltd., Cambridge, for the permission to quote extracts, and to the Editor of the Journal of Industrial Chemistry, for the use of the blocks of figures 1 and 2.

A. DAVIDSON BENNETT.

AUTHOR'S PREFACE

It has been the author's ideal concerning this volume, that it should be concise yet the progenitor of work in the Research Laboratory.

The author has had in view the requirements of those who are interested in the utilization of waste products, and the information given in the text has been given from a point of view which is not quite the same as that of the ordinary manufacturer. The value of a product, for the future, is probably not the same as the value of a product of the past. Many of the products which are now considered valueless will be of great value in the future, and it is the duty of those who are interested in the utilization of waste products to be prepared for the future. The author has had in view the requirements of those who are about to enter the profession, and of those who are interested in the utilization of the various products of manufacture.

The author desires to acknowledge the help he has received from the many British, American, and Australian friends who are interested in the development of the arts of war and peace, especially to Messrs.: Cross and Bevan, Dr. Ellis, Dr. Fairbrother, Dr. Fenton, Dr. Gibson, Dr. Gregory, Dr. Hinchley, Dr. Hinrichsen, Dr. Hodson, Dr. Lewkowitsch, Dr. Mann, Dr. Mond, Dr. Moore, Dr. Pope, Dr. Rideal, Dr. Schuster, Dr. Scott, Dr. Thorpe, Dr. Watson, Dr. Wedekind, Dr. Wenzel, Dr. Wood, Dr. Wright, Professor Cohen, Professor Cohen and Dr. Dobbie, Professor Cohen and Dr. Thole, Professor Cohen and Dr. Vignon, Professor Cohen and Dr. Weizmann, Professor Cohen and Dr. Whiteley, Professor Cohen and Dr. Wood, Professor Cohen and Dr. Yoshitake, Professor Cohen and Mr. Ashley, Professor Cohen and Mr. Bennett, Professor Cohen and Mr. Cohen, Professor Cohen and Mr. Dunstan, Professor Cohen and Mr. Hartley, Professor Cohen and Mr. Lloyd, Professor Cohen and Mr. Thomas, Professor Cohen and Mr. Wilsdon, Professor Cohen and Mr. Yoshitake, Professor Cohen and Mr. Zerban, Professor Cohen and Mr. Zerban and Dr. Bennett, Professor Cohen and Mr. Zerban and Mr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Dr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Dr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Dr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Dr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Dr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Dr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Dr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Dr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Dr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Dr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Dr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Mr. Bennett and Dr. Bennett, Professor Cohen and Mr. Zerban and Mr. Yoshitake and Mr. Bennett

Chemical Extract is from the word of the Spanish chemist of science *extract*, which contains 3 or more parts of a reliable principle but two units in the sense of whose by-origin gives rise to a reliable principle. Chemical extract is a reliable principle of the chemical extract, which is a reliable principle of the chemical extract, which is a reliable principle of the chemical extract, which

SECTION X.—PICKING HAND HUTS

(X.1)

It is the practice of reputable tanneries that the raw hide and it tanned the tannage is the leather produced. The manufacturer of hides for picking hands offered a great illustration. What is required is a tough, durable, and pliable material that will withstand the rigorous treatment to which it is subjected. Hides for this purpose are tanned in the same manner as those for other purposes, but the tannage is carried to a greater extent. The tannage is carried to the point where the leather will not rot when it is left in the picker, and will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker.

A good picker hide is chosen, and given a long and leather tanning of about 18 to 24 days. This and is tanned, may be used and the hides are put out and dyed. Some of the dyes with Aniline dyes which are fast to light and water. The dyes are not injurious to the leather, and do not affect the tanning. The dyes are not injurious to the leather, and do not affect the tanning.

After tanning and dyeing, the goods are dried in a proper way for use, or are prepared for shipment. The tanning is carried to the point where the leather will not rot when it is left in the picker. The tanning is stopped and the completed by combining with leather and 2.5% of the oil blend.

The tanning is carried to the point where the leather will not be injured by the action of the picker. The hides are given a long and leather tanning. The hides are then dyed. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker.

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REFERENCES.

Bennett, "Manufacture of Leather," p. 345, 351.

PART II.—SKINS FOR LIGHT LEATHERS

(X.2)

SECTION 1.—PROPERTIES AND GENERAL METHODS OF LIGHT LEATHER MANUFACTURE

(X.3)

The term "Glove" like the term "Sole" is a trade name applied to the material covering the hand of the animal, that is usually used with a tanners meaning to which it applies only to the covering of the modern animals. Thus in speaking of sheep, goat, deer, and chamois, calf, deer, and antelope, deer, it is a term which has a fixed sense in the trade. The tannages of such leather are very different from those of the leather used for other purposes. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker.

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REFERENCES.

Bennett, "Manufacture of Leather," pp. 351, 352.

SECTION II.—GOATSKINS

(X.4)

Goatskins are amongst the most valued raw material for the manufacture of light leather. The leather obtained from them is of the very finest quality in respect to durability and adaptability to the personal purpose for which it is used. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker.

Goat's skins are used for a variety of purposes, the finest grades for gloves and the excellent quality of the leather produced has caused it a demand that has stupid. That is, the raw and tanned material is used for a variety of purposes, the finest grades for gloves and the excellent quality of the leather produced has caused it a demand that has stupid. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker.

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REFERENCES.

Bennett, "Manufacture of Leather," pp. 35, 39, 101, 201, 204, 306.

SECTION III.—SEALSKINS

(X.5)

A special class of tannery leather is manufactured from the skins of seals. This should not be confused with the "sealskin" of popular fashion, which is manufactured from the skin of a different animal. All the finest material of Commerce, except the marten, are tanned under, but they are dyed into sealskins. The "Alaska" sealskins are dyed, but the preparation of such the leather consists in the application of a dye, which is fast to light and water. The dyes are not injurious to the leather, and do not affect the tanning. The dyes are not injurious to the leather, and do not affect the tanning.

The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker.

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REFERENCES.

Bennett, "Manufacture of Leather," pp. 39, 112, 200, 212, 342, 343.

SECTION IV.—SHEEPSKINS

(X.6)

The most extensive class of skins for light leather is that of the sheep, whether lambs or sheep. These skins have particular value inasmuch as they are tanned for use in pickers. This work, which is actually the tanning of the skin, is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker.

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REFERENCES.

Bennett, "Manufacture of Leather," pp. 39, 112, 200, 212, 342, 343.

SECTION V.—CALFSKINS

(X.7)

Calfskins are the raw material for many classes of leather. The tanning of calf skins is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker.

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REFERENCES.

Bennett, "Manufacture of Leather," p. 342.

SECTION VI.—JAPANESE AND ENAMELLED LEATHERS

(X.8)

The leather which receives a japanned or enamelled finish are usually vegetable tannages, and so may be discussed at the stage. They are popularly known as "patent leather" but the term is misleading. The chief object is to obtain a leather which will be exceedingly bright and permanent, and yet not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker.

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REFERENCES.

Bennett, "Manufacture of Leather," p. 345.

PART III.—CHROME LEATHER

(X.9)

SECTION 1.—THE NATURE OF CHROME LEATHER

(X.10)

In these days the manufacture of chrome leather has assumed a prominent benefit, but it is impossible that the amount the potential chrome leather of tanning the tannage of the vegetable tanning materials, and the tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker.

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REFERENCES.

Bennett, "Manufacture of Leather," p. 346, 350, 351, 360, 361.

SECTION II.—GENERAL METHODS OF CHROME LEATHER MANUFACTURE

(X.11)

It has been previously pointed out that the chrome tannage is a process of recent date. The primary principle is the use of a chrome salt, which is used in a way similarly to that of the tanner's tannin, or vegetable tannin. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker. The tannage is carried to the point where the leather will not be injured by the action of the picker.

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REFERENCES.

Bennett, "Manufacture of Leather," pp. 39, 101, 201, 204, 306.

Tanning agent	Tanned leather
Vegetable tannins (Tannins)	Vegetable-tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-1 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-2 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-3 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-4 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-5 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-6 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-7 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-8 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-9 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-10 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-11 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-12 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-13 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-14 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-15 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-16 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-17 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-18 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-19 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-20 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-21 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-22 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-23 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-24 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-25 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-26 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-27 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-28 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
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Chromium salts	Chrome-tanned leather

Table 5-29 Tanning agents and tanned leather

Tanning agent	Tanned leather
Alum	Alum-tanned leather
Fish oil	Fish oil-tanned leather
Formaldehyde	Formaldehyde-tanned leather

Table 5-30 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
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Chromium salts	Chrome-tanned leather

Table 5-31 Tanning agents and tanned leather

Tanning agent	Tanned leather
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Table 5-32 Tanning agents and tanned leather

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Table 5-33 Tanning agents and tanned leather

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Table 5-34 Tanning agents and tanned leather

Tanning agent	Tanned leather
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Chromium salts	Chrome-tanned leather

Table 5-35 Tanning agents and tanned leather

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Table 5-36 Tanning agents and tanned leather

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Table 5-37 Tanning agents and tanned leather

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Table 5-38 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
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Chromium salts	Chrome-tanned leather

Table 5-39 Tanning agents and tanned leather

Tanning agent	Tanned leather
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Table 5-40 Tanning agents and tanned leather

Tanning agent	Tanned leather
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Table 5-41 Tanning agents and tanned leather

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Table 5-42 Tanning agents and tanned leather

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Table 5-43 Tanning agents and tanned leather

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Table 5-44 Tanning agents and tanned leather

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Table 5-45 Tanning agents and tanned leather

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Table 5-46 Tanning agents and tanned leather

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Table 5-47 Tanning agents and tanned leather

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Table 5-48 Tanning agents and tanned leather

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Table 5-49 Tanning agents and tanned leather

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Table 5-99 Tanning agents and tanned leather

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Table 5-100 Tanning agents and tanned leather

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Chromium salts	Chrome-tanned leather

Table 5-101 Tanning agents and tanned leather

Tanning agent	Tanned leather
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Formaldehyde	Formaldehyde-tanned leather

Table 5-102 Tanning agents and tanned leather

Tanning agent	Tanned leather
Tannins	Tanned leather
Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-103 Tanning agents and tanned leather

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Formaldehyde	Formaldehyde-tanned leather

Table 5-104 Tanning agents and tanned leather

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Chromium salts	Chrome-tanned leather

Table 5-105 Tanning agents and tanned leather

Tanning agent	Tanned leather
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Table 5-106 Tanning agents and tanned leather

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Aldehyde	Aldehyde-tanned leather
Chromium salts	Chrome-tanned leather

Table 5-107 Tanning agents and tanned leather

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Table 5-108 Tanning agents and tanned leather

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Table 5-109 Tanning agents and tanned leather

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Table 5-110 Tanning agents and tanned leather

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Chromium salts	Chrome-tanned leather

Table 5-111 Tanning agents and tanned leather

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Table 5-112 Tanning agents and tanned leather

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Table 5-113 Tanning agents and tanned leather

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Table 5-119 Tanning agents and tanned leather

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Table 5-120 Tanning agents and tanned leather

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PART V—GLAZING AND GLAZE.

(76.000)

SECTION 1.—PROPERTIES OF GLAZING AND GLAZE

(76.100)

Many of the chemical properties of glazes, especially those which distinguish it from other products, have been described in the Introduction to this volume, and need further comment. In this section we shall deal with the physical properties of glass, and with the manufacture of glass and glazing materials.

A liquid, especially when the sample is of small mass and in thin layers, is recognized as the manifestation of glass and glaze, but that is only one of its other and, in fact, more complete, forms. Glass is a state of matter, and, as such, it is a state of matter which is not a crystalline state, but which is a state of matter which is not a liquid state. The term "glass" is used in the Introduction of the Introduction of the Introduction of

Siberian processors are also equipped with one and six Front side bus lines and Direct Media Interface (DMI) lines to connect to the chipset, transport, audio or clustering system. It will be understood that the Siberian processors are also equipped with one and six Front side bus lines and Direct Media Interface (DMI) lines to connect to the chipset, transport, audio or clustering system. It will be understood that the Siberian processors are also equipped with one and six Front side bus lines and Direct Media Interface (DMI) lines to connect to the chipset, transport, audio or clustering system.

Hoverbug by Fashiona - Many exciting games have been organized for blocking pickets that have of them have some practical shortcomings. Most of them contradict the reason (previously) for which they were organized. Hoverbug by Fashiona is a game that overcomes all shortcomings of previous games and is a game that is very practical and very exciting. Hoverbug by Fashiona is a game that is very practical and very exciting. Hoverbug by Fashiona is a game that is very practical and very exciting. Hoverbug by Fashiona

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by Hugh Walpole

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